

Data File : VN059551.D
Acq On : 10 Dec 2019 16:38
Operator : JC/SP
Sample : VN1210WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Quant Time: Dec 11 06:19:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	251175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	414884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	381617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	182547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	184996	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	7.57	113	132316	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.08	98	508497	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	185536	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58086	20.050	ug/l	97
3) Chloromethane	2.04	50	93511	21.323	ug/l	99
4) Vinyl Chloride	2.17	62	92709	21.448	ug/l	99
5) Bromomethane	2.55	94	53915	20.478	ug/l	99
6) Chloroethane	2.68	64	52131	20.197	ug/l	96
7) Trichlorofluoromethane	3.00	101	111683	21.614	ug/l	98
8) Diethyl Ether	3.39	74	33952	19.173	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	53034	19.721	ug/l	98
10) Methyl Iodide	3.93	142	70626	19.396	ug/l	99
11) Tert butyl alcohol	4.75	59	61591	106.052	ug/l	99
12) 1,1-Dichloroethene	3.72	96	50162	19.188	ug/l	96
13) Acrolein	3.58	56	42892	151.768	ug/l	97
14) Allyl chloride	4.30	41	101248	20.133	ug/l	98
15) Acrylonitrile	4.96	53	158751	103.641	ug/l	99
16) Acetone	3.79	43	149272	91.026	ug/l	98
17) Carbon Disulfide	4.03	76	163561	19.411	ug/l	100
18) Methyl Acetate	4.30	43	86974	20.201	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	182706	21.025	ug/l	100
20) Methylene Chloride	4.52	84	62075	20.846	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	57056	20.334	ug/l	97
22) Diisopropyl ether	5.93	45	200140	20.905	ug/l	99
23) Vinyl Acetate	5.87	43	860314	107.727	ug/l	100
24) 1,1-Dichloroethane	5.82	63	113303	20.845	ug/l	100
25) 2-Butanone	6.81	43	229123	103.800	ug/l	98
26) 2,2-Dichloropropane	6.80	77	98378	20.034	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	65377	20.715	ug/l	99
28) Bromochloromethane	7.17	49	46440	24.094	ug/l	99
29) Tetrahydrofuran	7.19	42	155482	101.265	ug/l	99
30) Chloroform	7.35	83	110134	20.530	ug/l	100
31) Cyclohexane	7.64	56	103024	19.476	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	99512	20.910	ug/l	99
36) 1,1-Dichloropropene	7.77	75	84331	19.812	ug/l	99
37) Ethyl Acetate	6.91	43	95963	20.276	ug/l	96
38) Carbon Tetrachloride	7.75	117	87391	20.829	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	103714	21.722	ug/l	98
40) Benzene	8.02	78	246090	20.238	ug/l	98
41) Methacrylonitrile	7.19	41	139753	67.560	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	98076	21.648	ug/l	99
43) Isopropyl Acetate	8.15	43	151297	20.591	ug/l	98
44) Trichloroethene	8.82	130	61979	20.176	ug/l	97
45) 1,2-Dichloropropane	9.10	63	70317	21.829	ug/l	98
46) Dibromomethane	9.19	93	42734	20.074	ug/l	99
47) Bromodichloromethane	9.39	83	87648	20.716	ug/l	98
48) Methyl methacrylate	9.19	41	66276	20.629	ug/l	99
49) 1,4-Dioxane	9.19	88	19823	482.245	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	465728	99.269	ug/l	99
52) Toluene	10.15	92	149584	20.646	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	98955	20.074	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	105475	20.906	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59466	20.294	ug/l	98
56) Ethyl methacrylate	10.42	69	86010	18.442	ug/l	100
57) 1,3-Dichloropropane	10.70	76	104287	20.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	143076	119.190	ug/l	100
59) 2-Hexanone	10.75	43	341413	97.110	ug/l	100
60) Dibromochloromethane	10.90	129	64284	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	68483	22.450	ug/l	99
64) Tetrachloroethene	10.63	164	52316	18.758	ug/l	98
65) Chlorobenzene	11.43	112	158441	19.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	60121	20.159	ug/l	98
67) Ethyl Benzene	11.51	91	283212	19.683	ug/l	100
68) m/p-Xylenes	11.62	106	209390	38.792	ug/l	95
69) o-Xylene	11.95	106	100030	19.910	ug/l	95
70) Styrene	11.96	104	158910	19.092	ug/l	98
71) Bromoform	12.13	173	45724	19.486	ug/l #	98
73) Isopropylbenzene	12.25	105	271536	19.830	ug/l	99
74) N-amyl acetate	12.07	43	120332	20.174	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	92174	19.866	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	125712	26.929	ug/l #	100
77) Bromobenzene	12.53	156	64672	18.971	ug/l	92
78) n-propylbenzene	12.59	91	326239	19.389	ug/l	98
79) 2-Chlorotoluene	12.67	91	190627	18.999	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	230954	19.669	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	31792	18.323	ug/l #	85
82) 4-Chlorotoluene	12.77	91	200316	19.525	ug/l	98
83) tert-Butylbenzene	12.99	119	195869	20.003	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	228723	19.727	ug/l	99
85) sec-Butylbenzene	13.17	105	265718	19.757	ug/l	99
86) p-Isopropyltoluene	13.29	119	240883	20.039	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	119735	19.069	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	118770	19.318	ug/l	98
89) n-Butylbenzene	13.62	91	222274	19.693	ug/l	98
90) Hexachloroethane	13.88	117	45218	20.483	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	117214	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21624	21.559	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121019\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

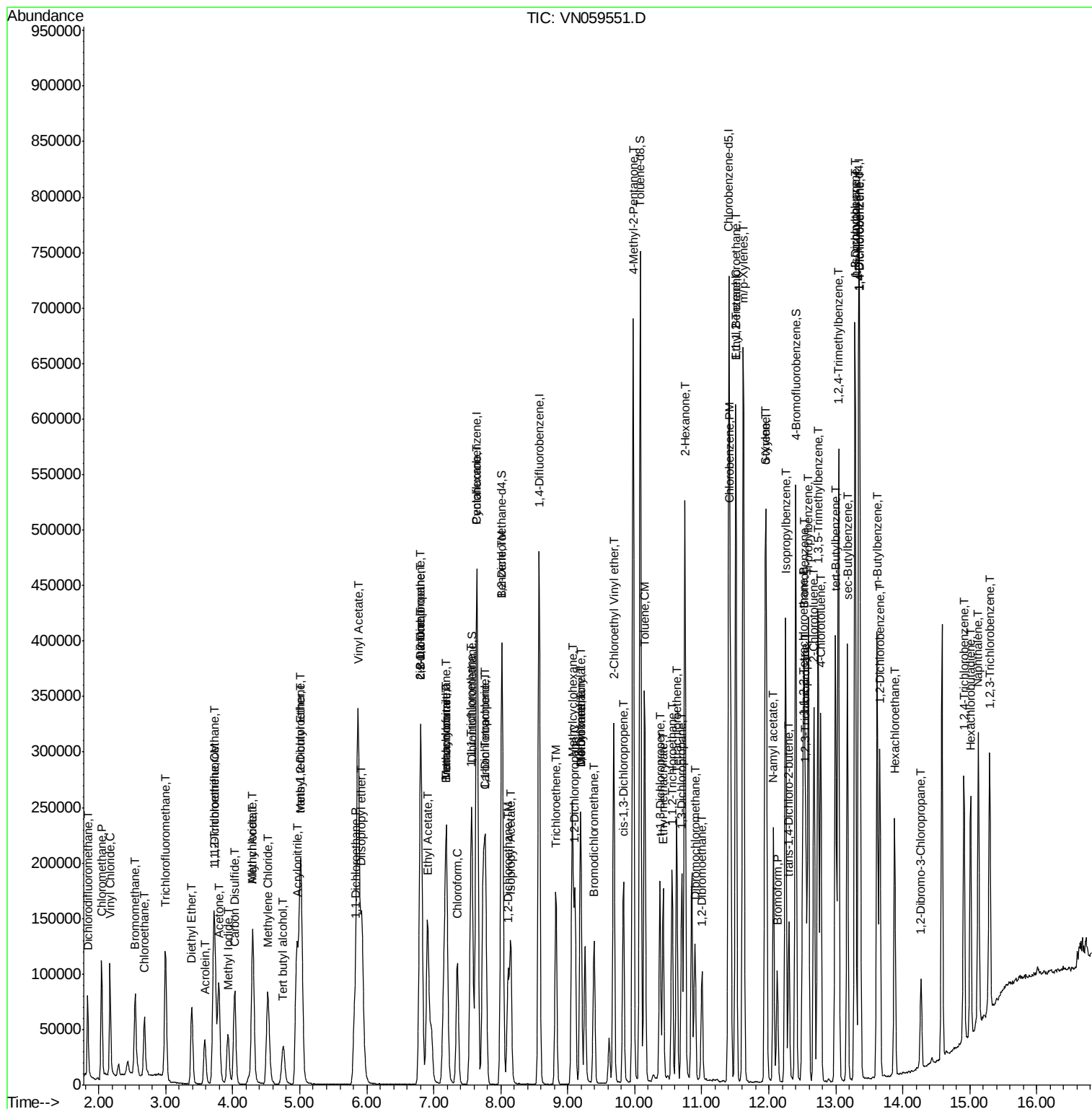
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	72377	17.759	ug/l	99
94) Hexachlorobutadiene	15.01	225	38701	18.588	ug/l	98
95) Naphthalene	15.13	128	206567	17.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69985	19.190	ug/l	98

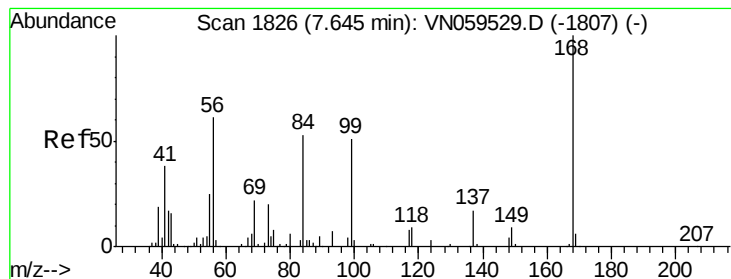
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

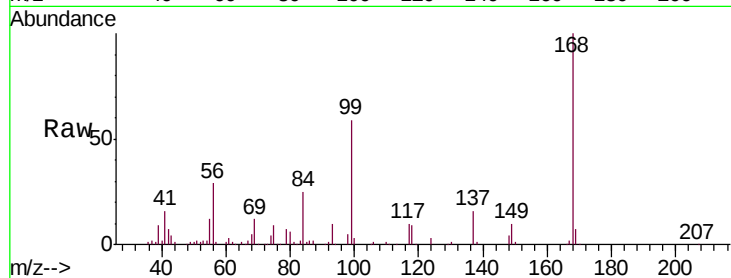
VN1210WBSD01

Tgt Ion:168 Resp: 251175

Ion Ratio Lower Upper

168 100

99 59.3 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

120000

100000

80000

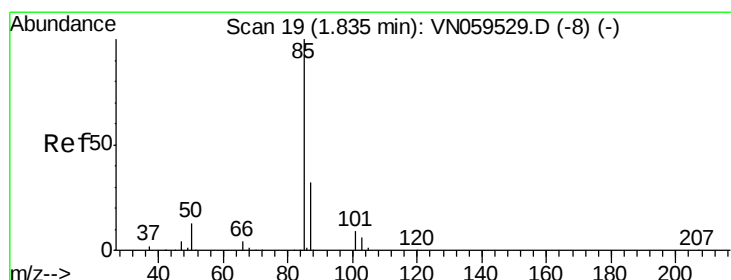
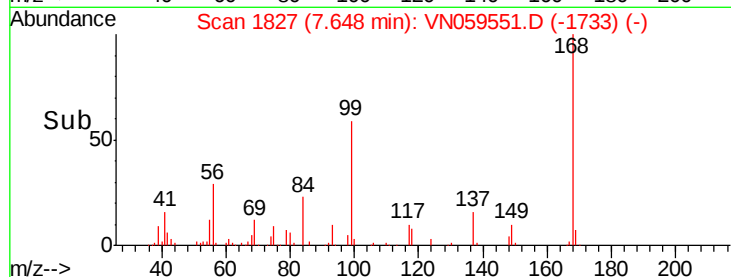
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.050 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059551.D

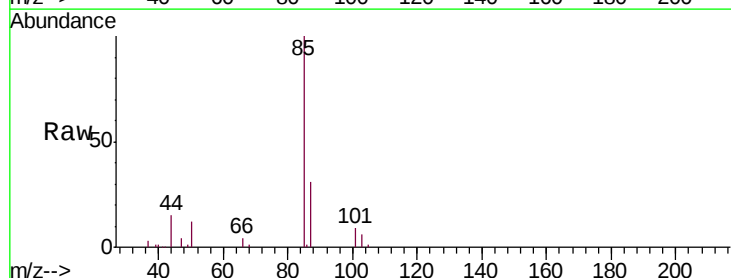
Acq: 10 Dec 2019 16:38

Tgt Ion: 85 Resp: 58086

Ion Ratio Lower Upper

85 100

87 30.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

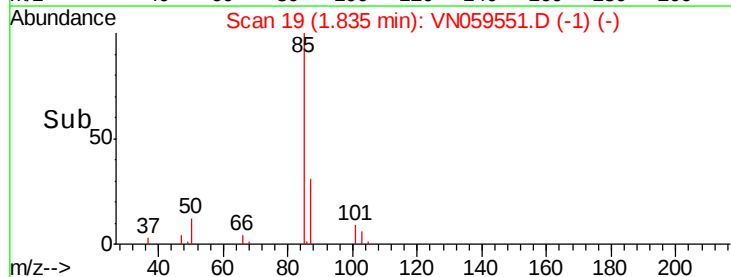
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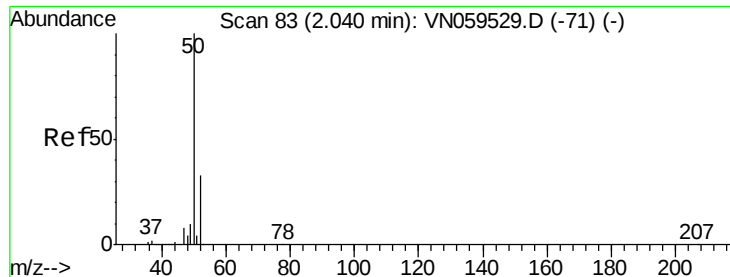
20000

10000

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Time-->





#3

Chloromethane

Concen: 21.323 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

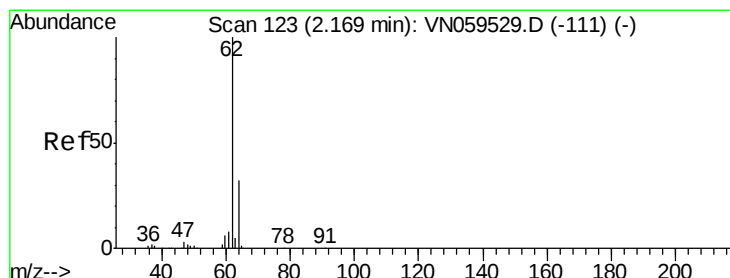
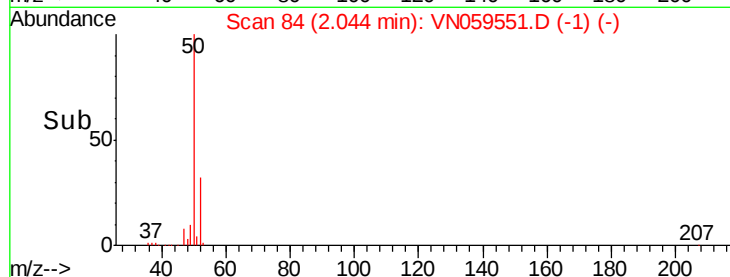
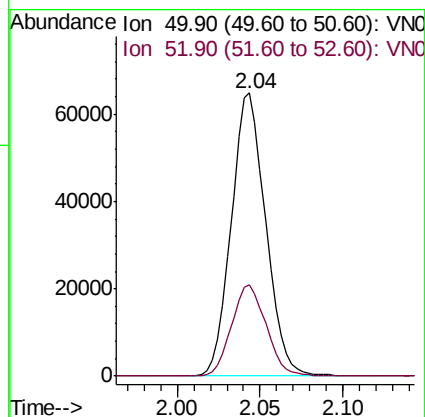
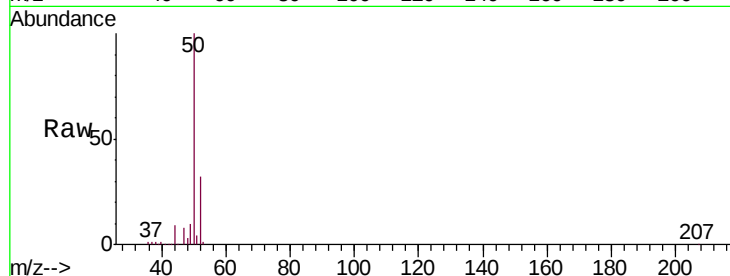
VN1210WBSD01

Tgt Ion: 50 Resp: 93511

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 21.448 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059551.D

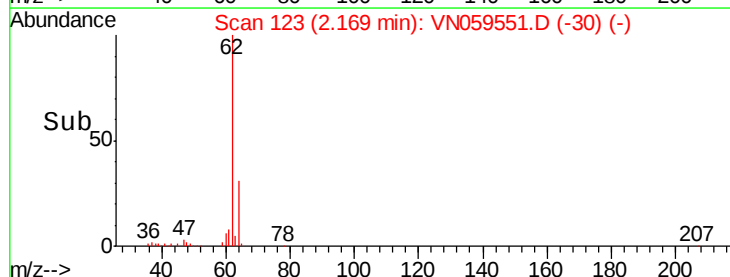
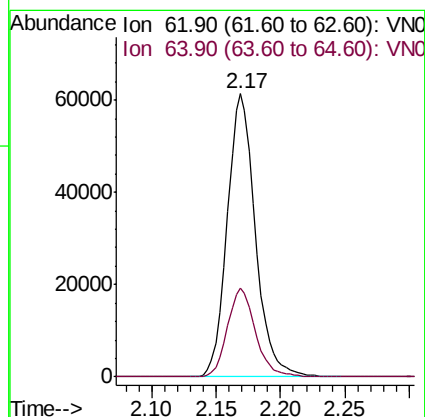
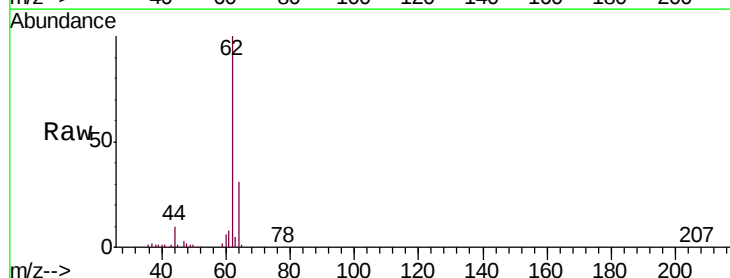
Acq: 10 Dec 2019 16:38

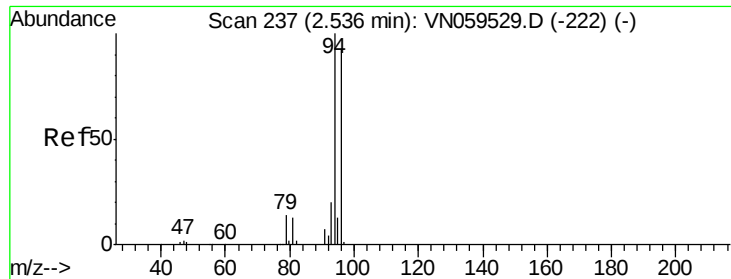
Tgt Ion: 62 Resp: 92709

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 20.478 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

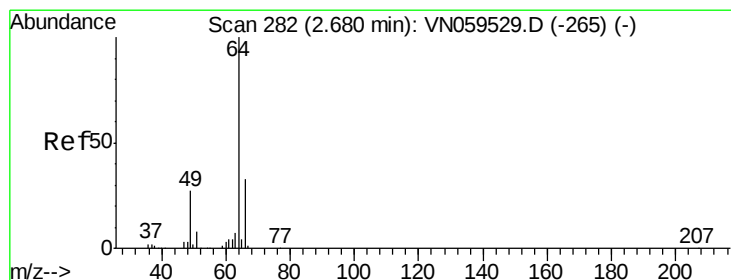
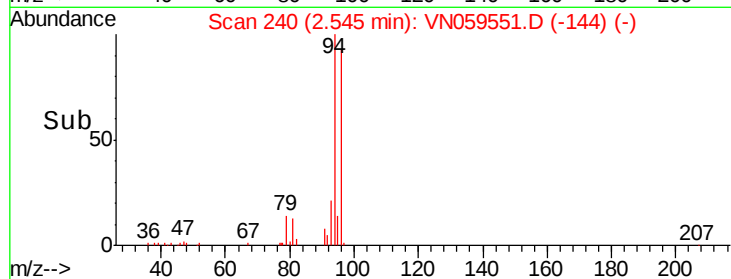
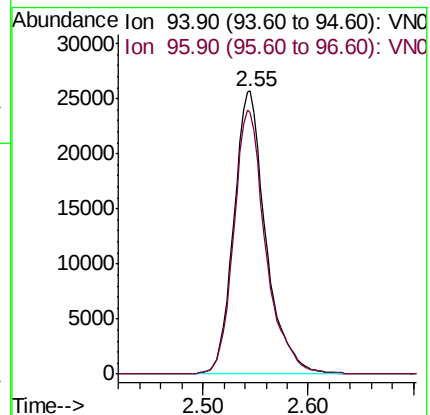
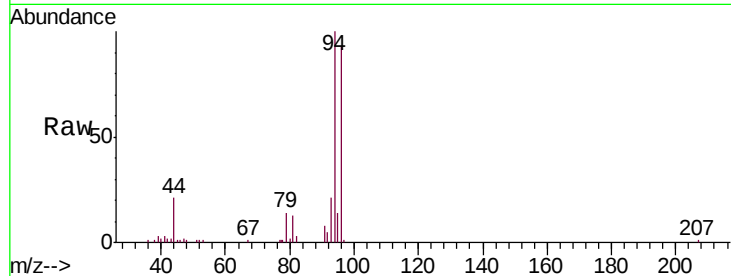
VN1210WBSD01

Tgt Ion: 94 Resp: 53915

Ion Ratio Lower Upper

94 100

96 92.7 74.6 112.0



#6

Chloroethane

Concen: 20.197 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059551.D

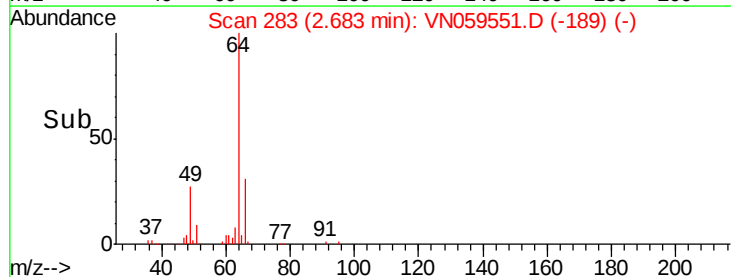
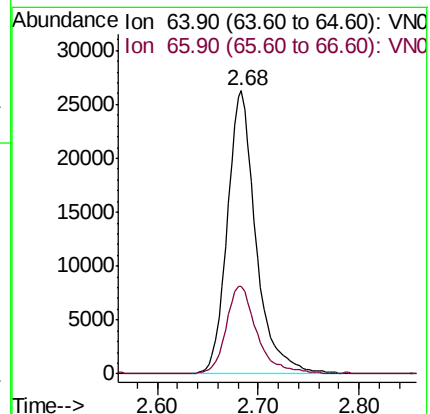
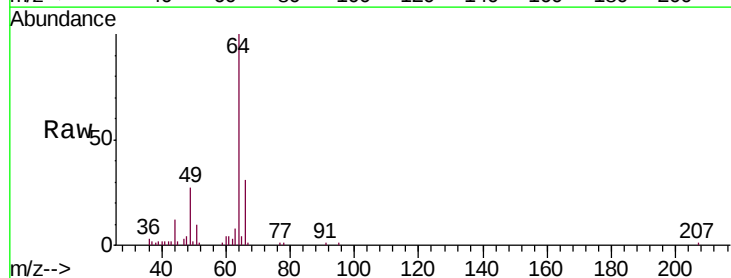
Acq: 10 Dec 2019 16:38

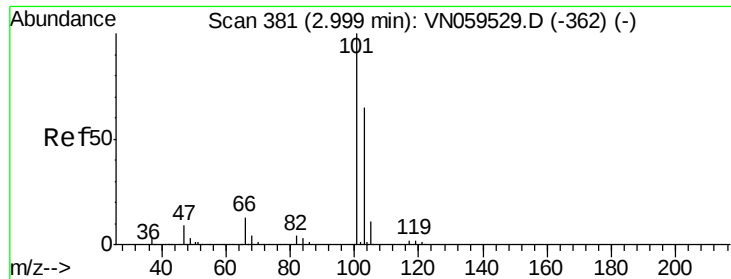
Tgt Ion: 64 Resp: 52131

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1



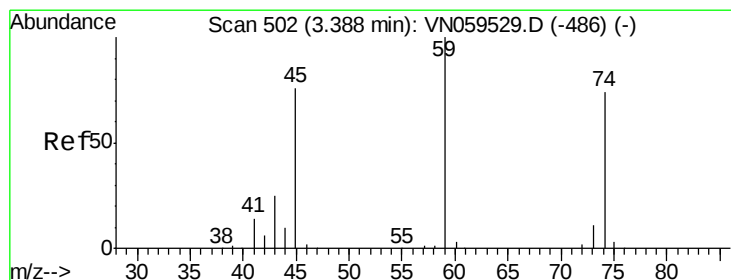
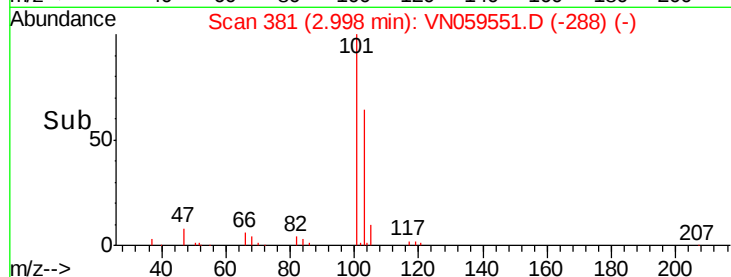
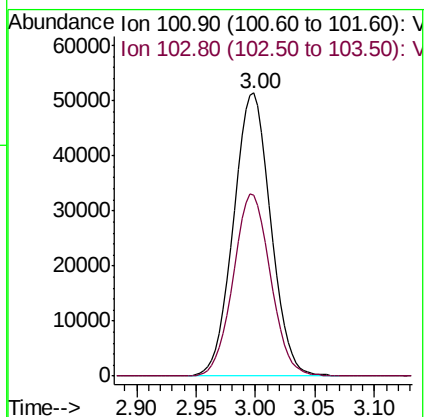
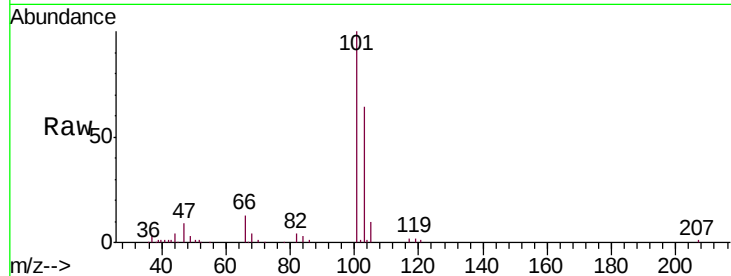


#7

Trichlorofluoromethane
 Concen: 21.614 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
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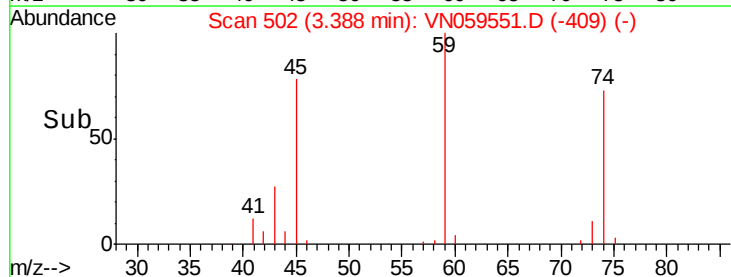
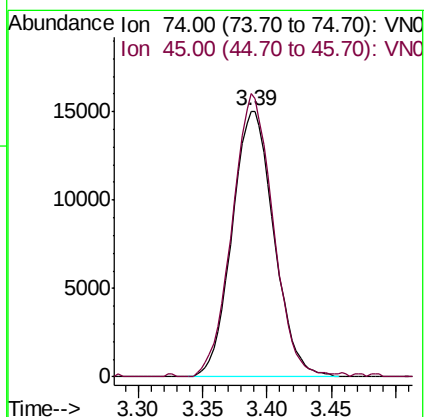
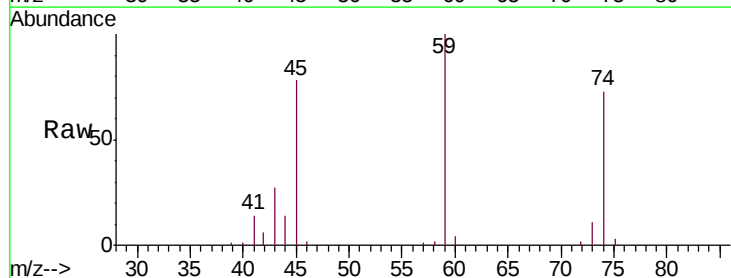
Tgt Ion:101 Resp: 111683
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

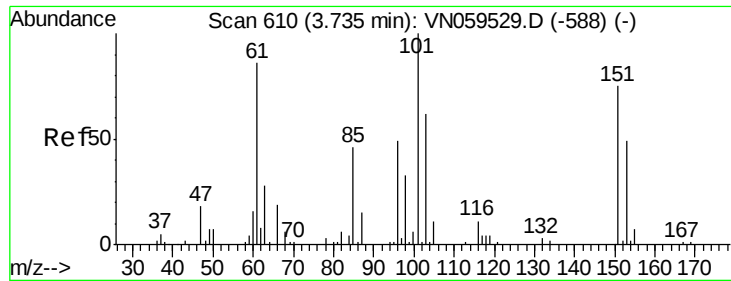


#8

Diethyl Ether
 Concen: 19.173 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 74 Resp: 33952
 Ion Ratio Lower Upper
 74 100
 45 104.4 52.6 157.9

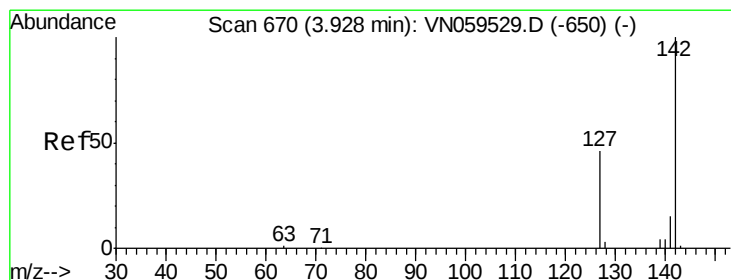
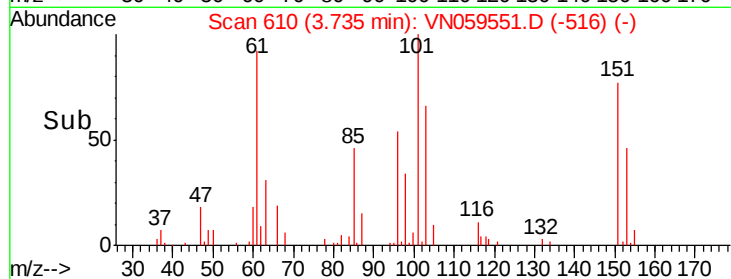
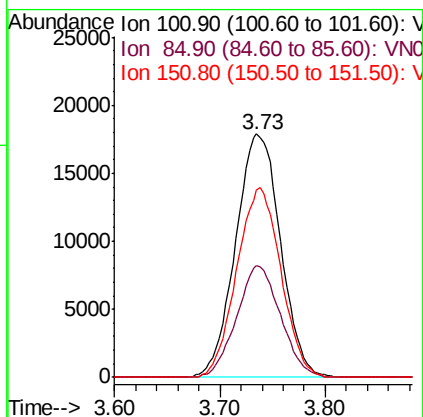
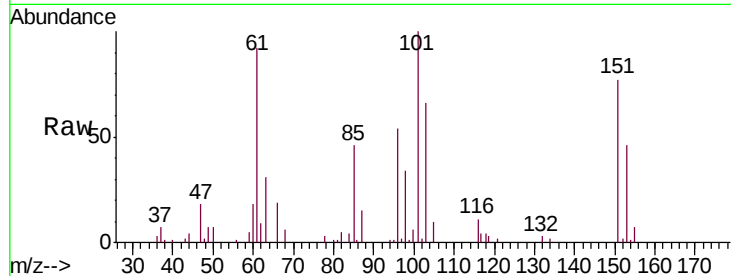




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.721 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

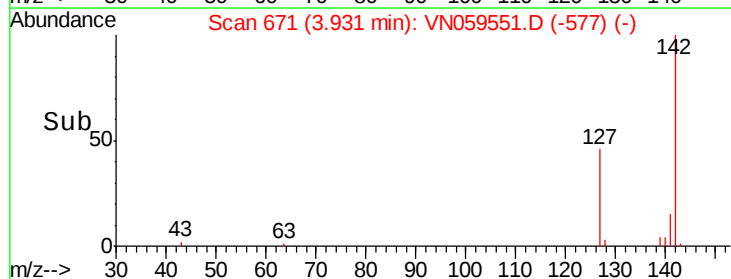
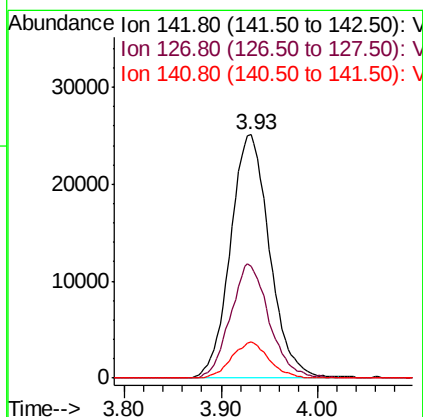
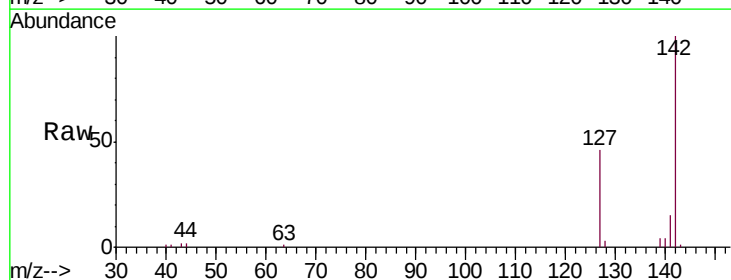
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

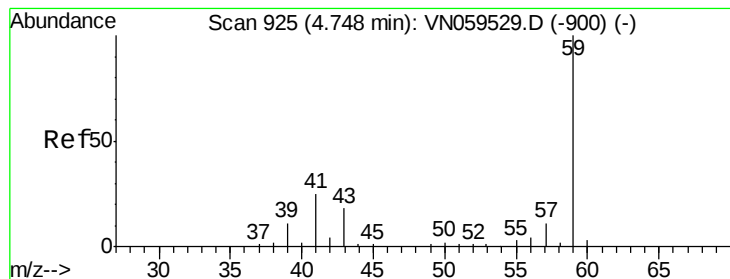
Tgt Ion:	101	Resp:	53034
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.6	54.8
151	76.4	59.3	88.9



#10
 Methyl Iodide
 Concen: 19.396 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion:	142	Resp:	70626
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	54.8
141	14.0	11.6	17.4



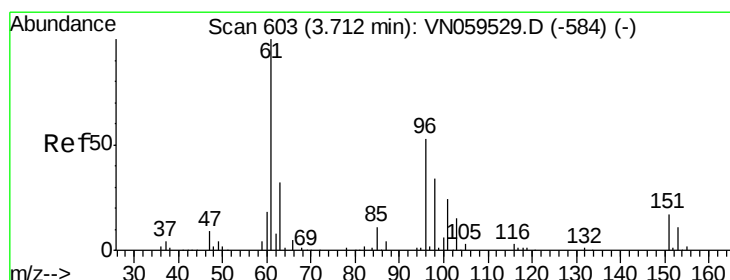
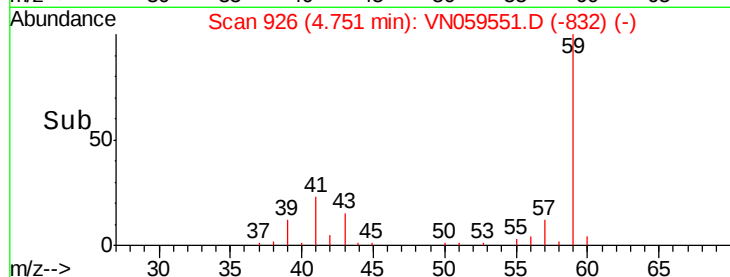
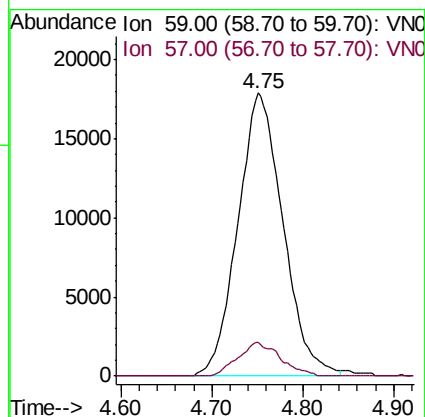
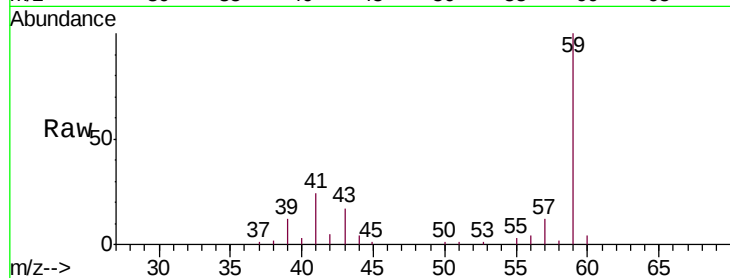


#11

Tert butyl alcohol
 Concen: 106.052 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

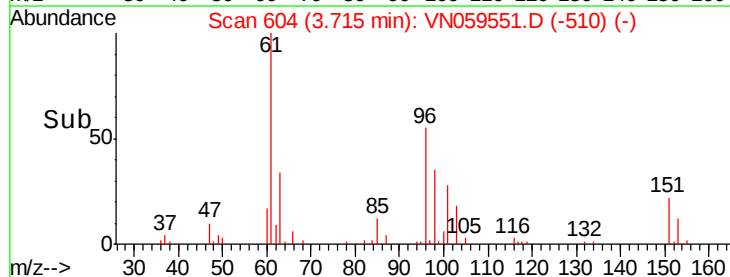
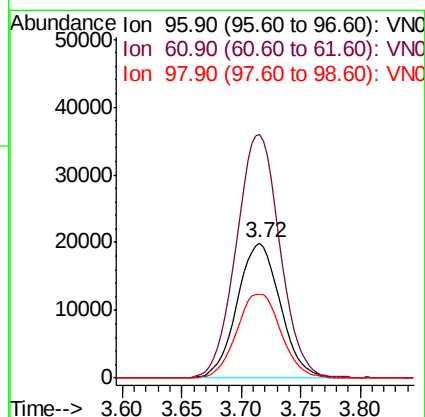
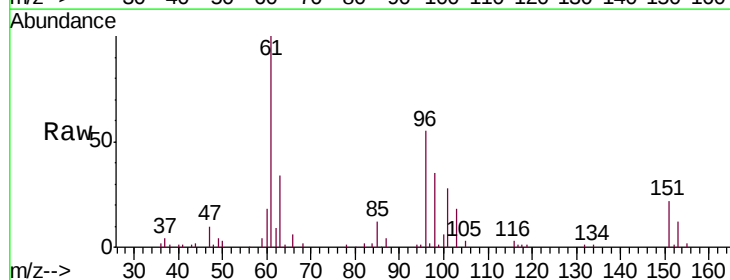
Tgt Ion: 59 Resp: 61591
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.6 13.0

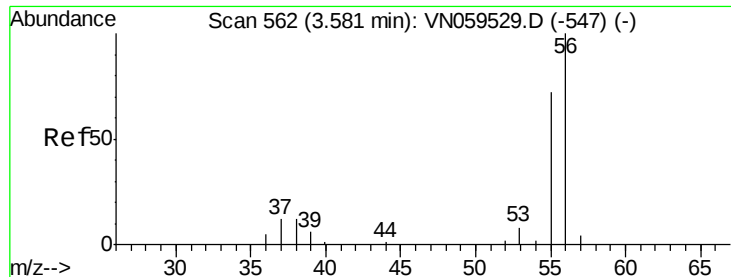


#12

1,1-Dichloroethene
 Concen: 19.188 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 96 Resp: 50162
 Ion Ratio Lower Upper
 96 100
 61 180.2 149.8 224.6
 98 62.3 50.6 75.8





#13

Acrolein

Concen: 151.768 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

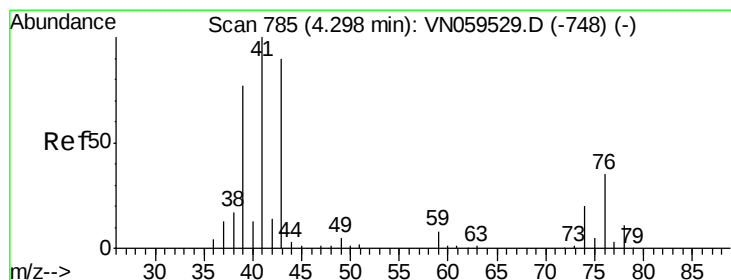
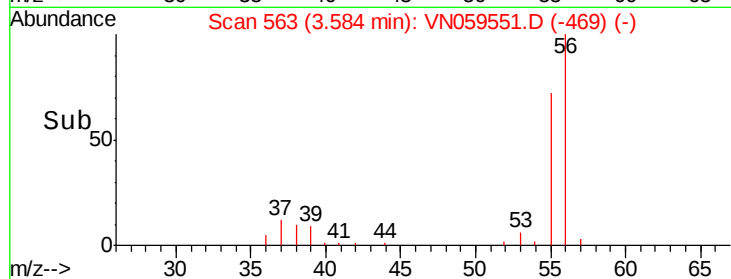
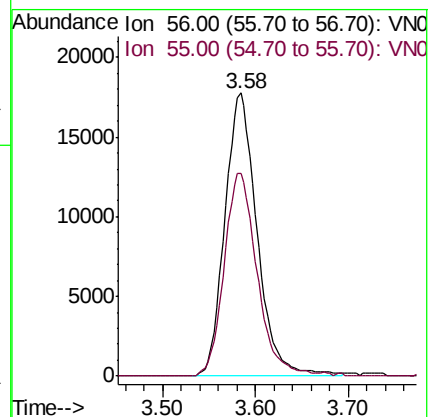
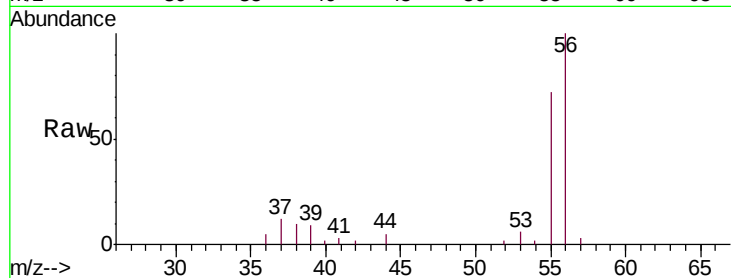
VN1210WBSD01

Tgt Ion: 56 Resp: 42892

Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3



#14

Allyl chloride

Concen: 20.133 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

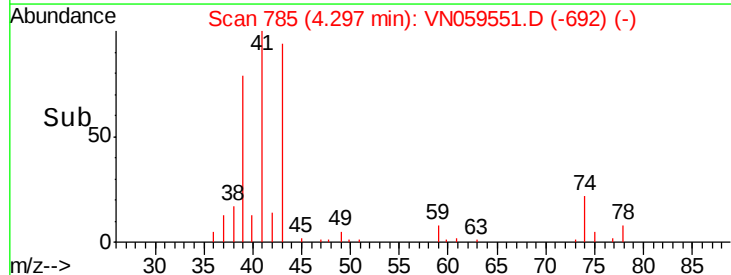
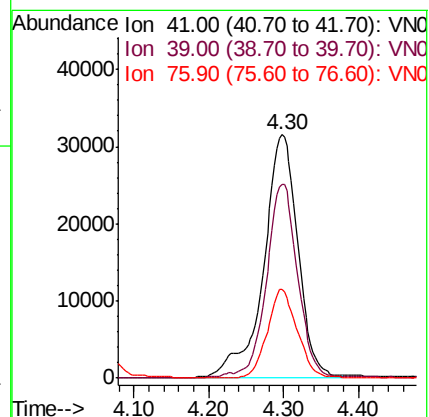
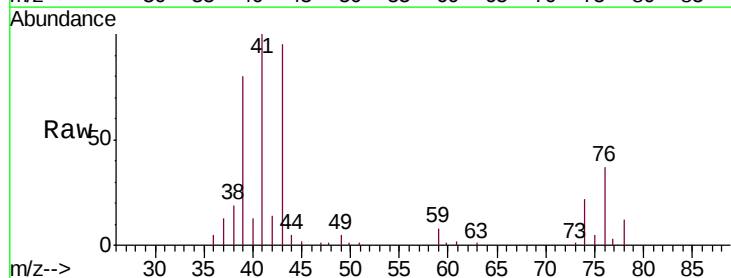
Tgt Ion: 41 Resp: 101248

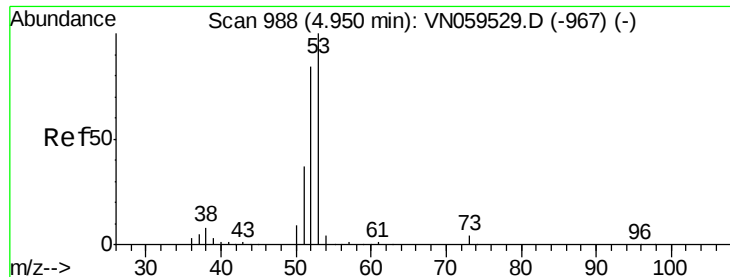
Ion Ratio Lower Upper

41 100

39 72.5 56.7 85.1

76 31.4 25.5 38.3





#15

Acrylonitrile

Concen: 103.641 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.01 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

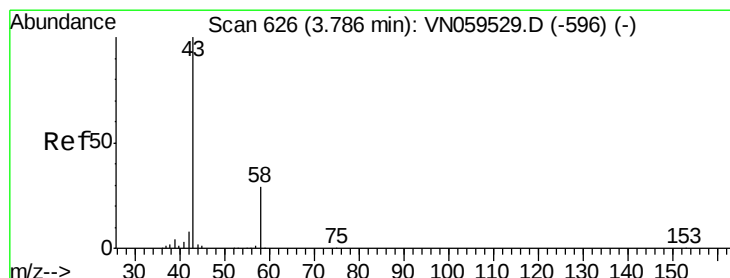
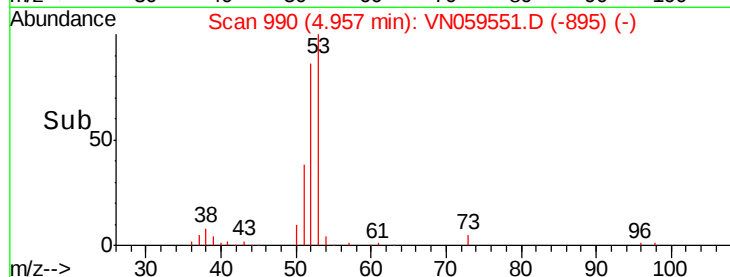
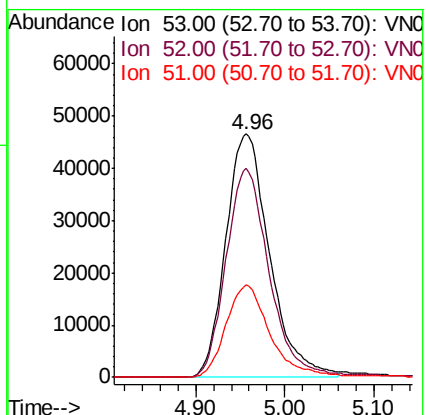
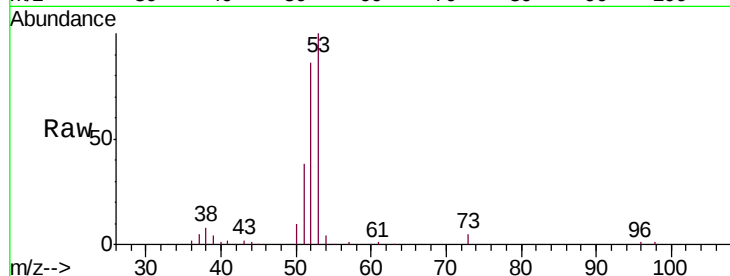
Tgt Ion: 53 Resp: 158751

Ion Ratio Lower Upper

53 100

52 84.4 66.6 99.8

51 38.3 29.8 44.8



#16

Acetone

Concen: 91.026 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059551.D

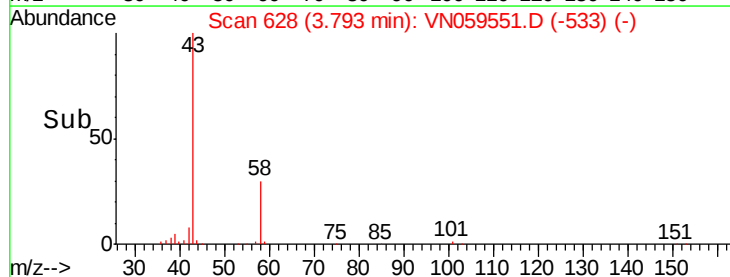
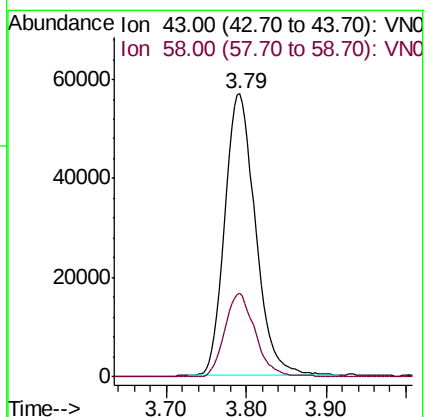
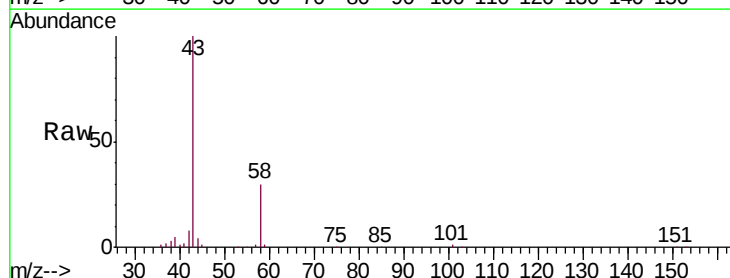
Acq: 10 Dec 2019 16:38

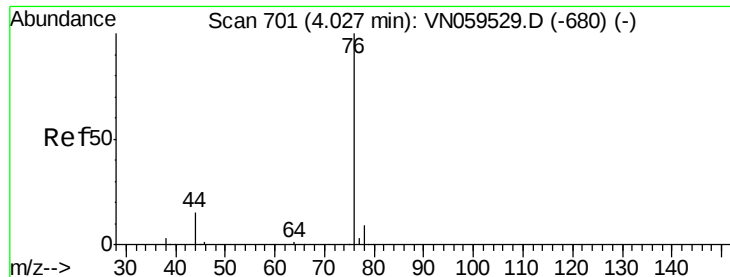
Tgt Ion: 43 Resp: 149272

Ion Ratio Lower Upper

43 100

58 29.8 23.0 34.4





#17

Carbon Disulfide

Concen: 19.411 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

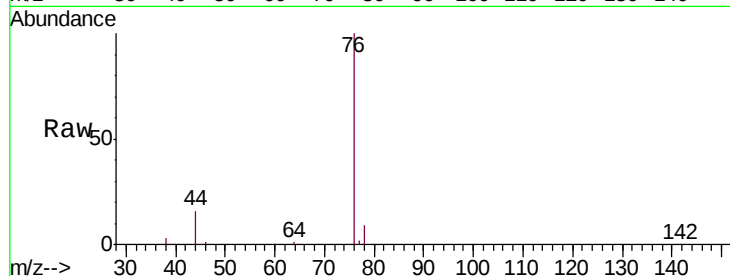
VN1210WBSD01

Tgt Ion: 76 Resp: 163561

Ion Ratio Lower Upper

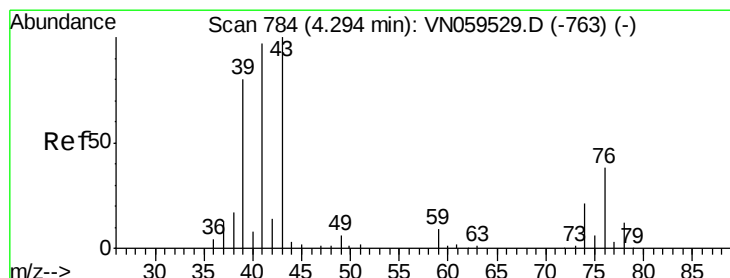
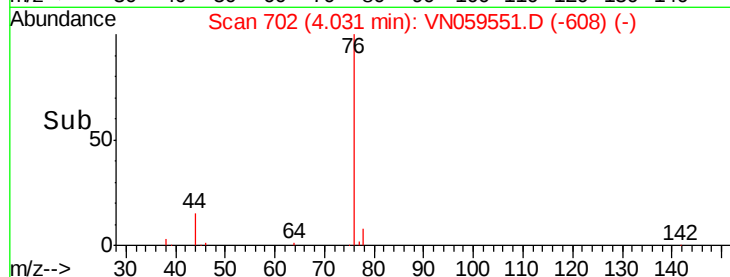
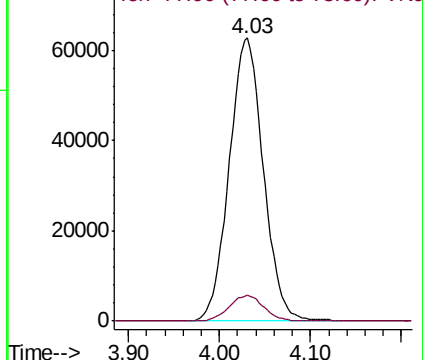
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN059551.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059551.D (-608) (-)



#18

Methyl Acetate

Concen: 20.201 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059551.D

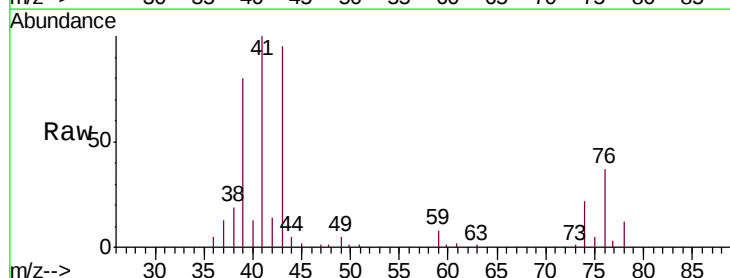
Acq: 10 Dec 2019 16:38

Tgt Ion: 43 Resp: 86974

Ion Ratio Lower Upper

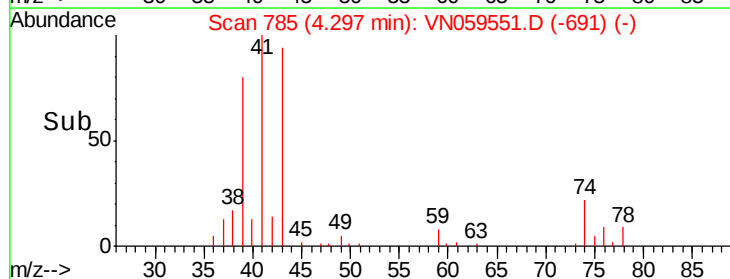
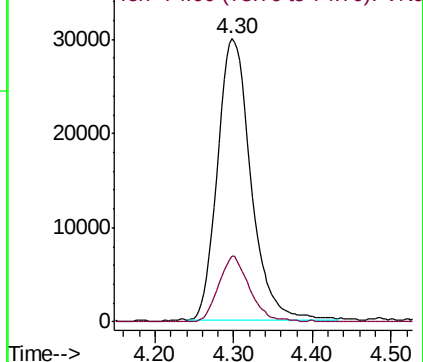
43 100

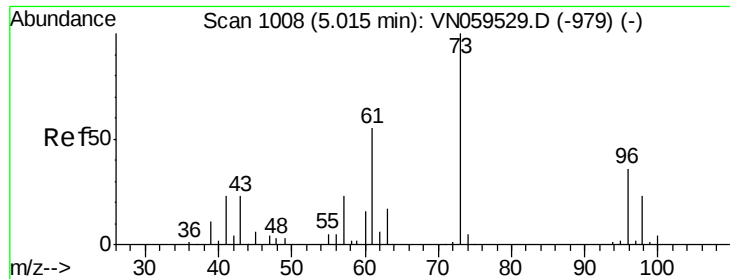
74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059551.D (-691) (-)

Ion 74.00 (73.70 to 74.70): VN059551.D (-691) (-)

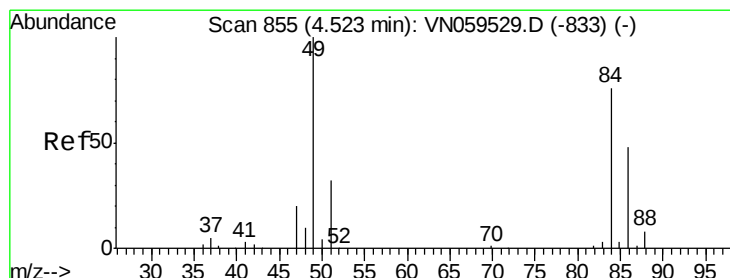
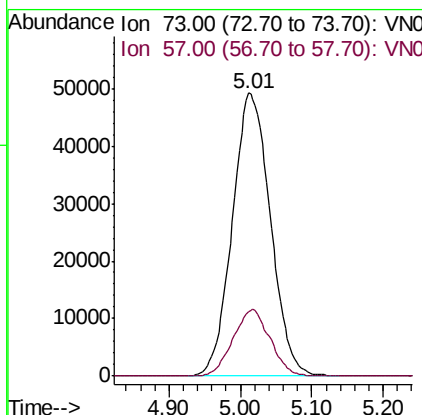
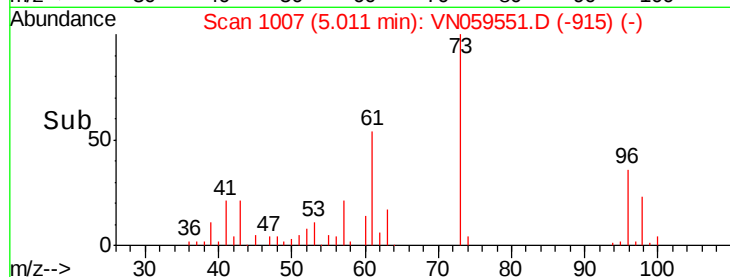
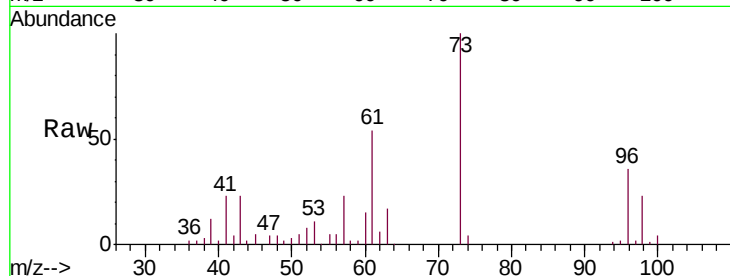




#19
Methyl tert-butyl Ether
Concen: 21.025 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

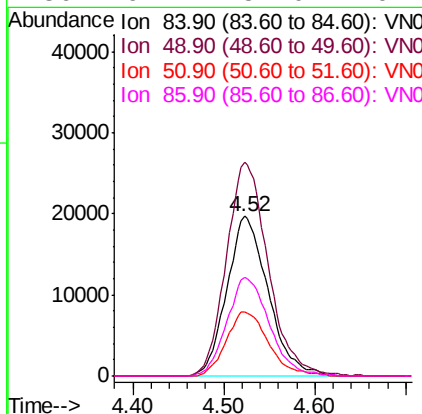
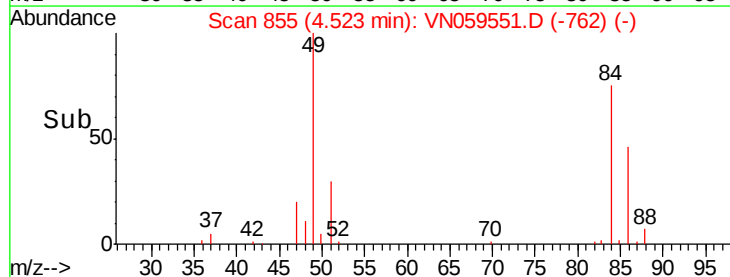
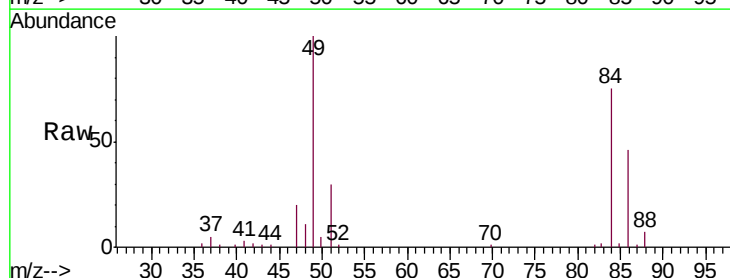
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

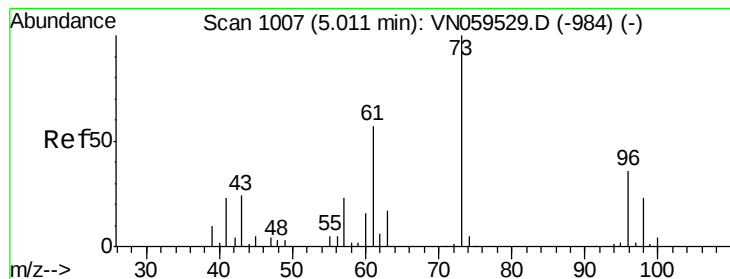
Tgt Ion: 73 Resp: 182706
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 20.846 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 84 Resp: 62075
Ion Ratio Lower Upper
84 100
49 133.8 105.8 158.8
51 40.1 33.7 50.5
86 61.7 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 20.334 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampled :

VN1210WBSD01

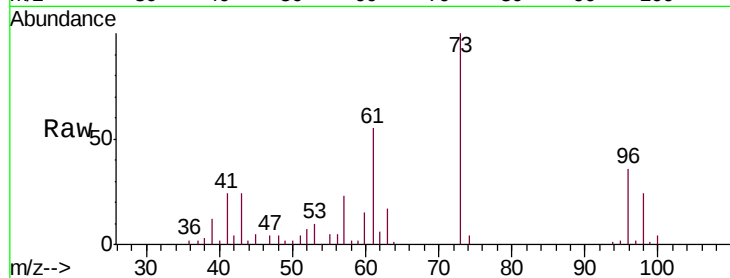
Tgt Ion: 96 Resp: 57056

Ion Ratio Lower Upper

96 100

61 150.9 124.8 187.2

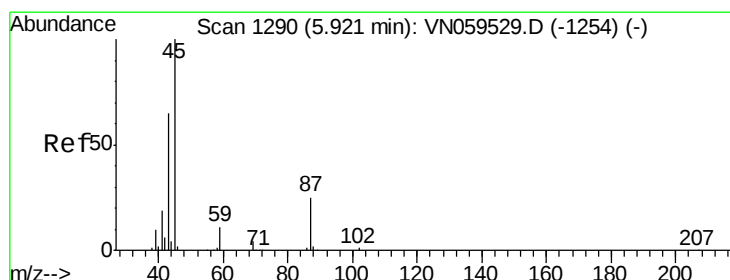
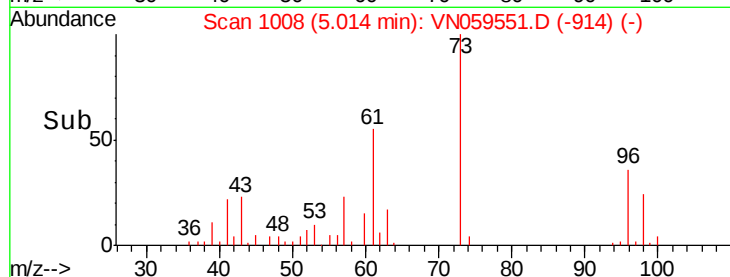
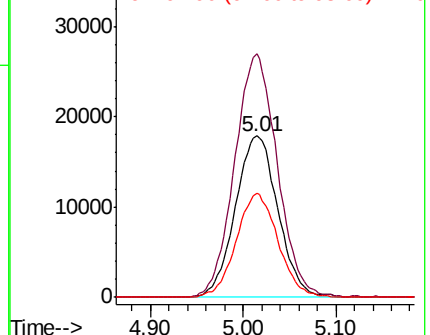
98 64.7 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN059551.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN059551.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN059551.D (-914) (-)



#22

Diisopropyl ether

Concen: 20.905 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Tgt Ion: 45 Resp: 200140

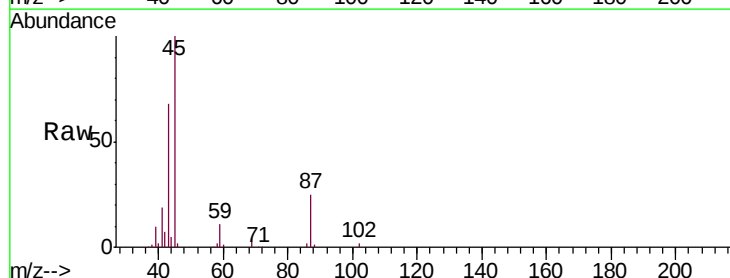
Ion Ratio Lower Upper

45 100

43 66.4 52.8 79.2

87 24.8 20.2 30.4

59 11.5 9.1 13.7

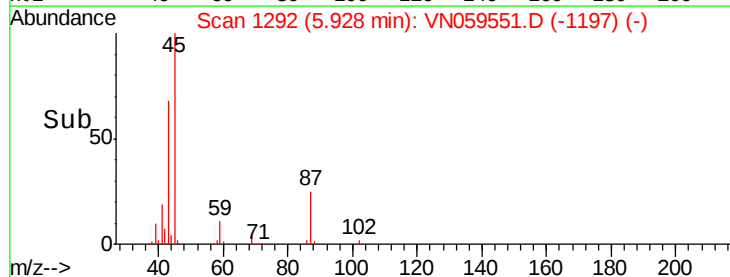
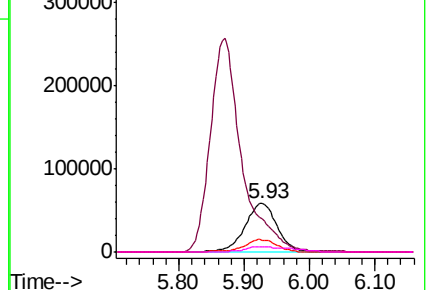


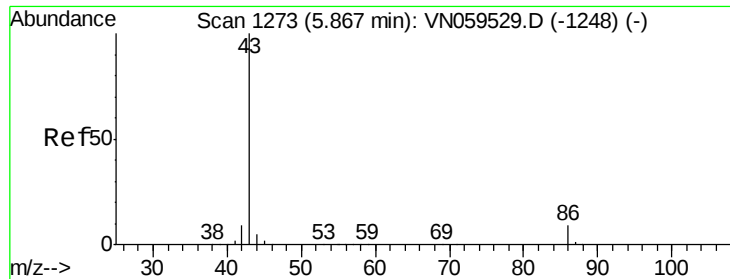
Abundance Ion 45.00 (44.70 to 45.70): VN059551.D (-1197) (-)

Ion 43.00 (42.70 to 43.70): VN059551.D (-1197) (-)

Ion 87.00 (86.70 to 87.70): VN059551.D (-1197) (-)

Ion 59.00 (58.70 to 59.70): VN059551.D (-1197) (-)

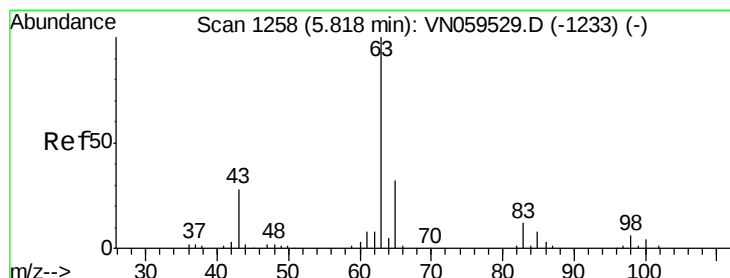
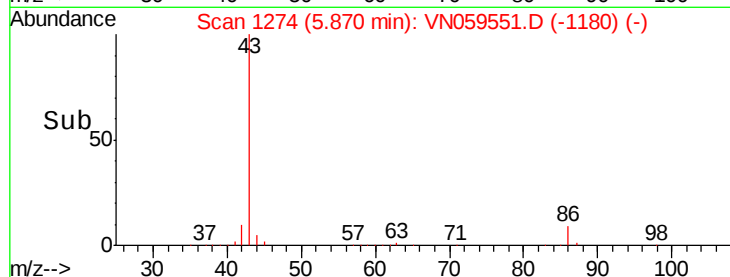
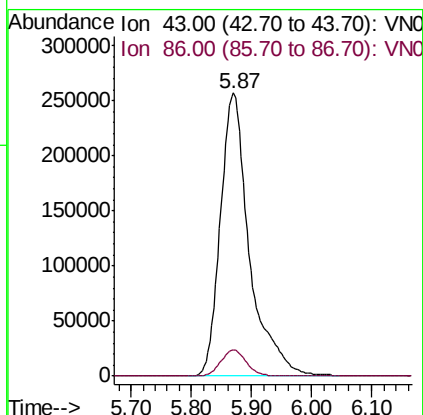
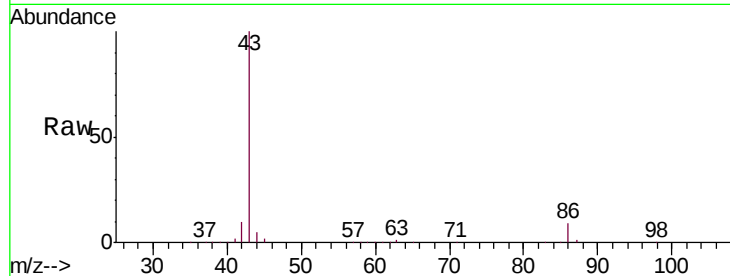




#23
 Vinyl Acetate
 Concen: 107.727 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

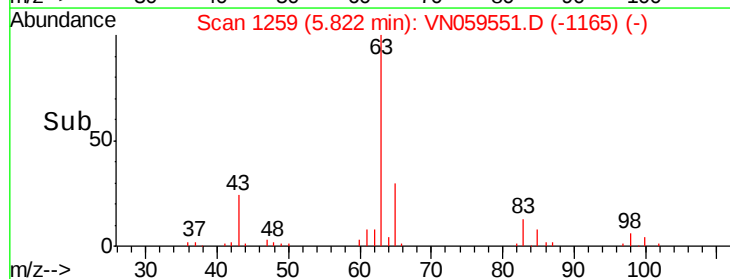
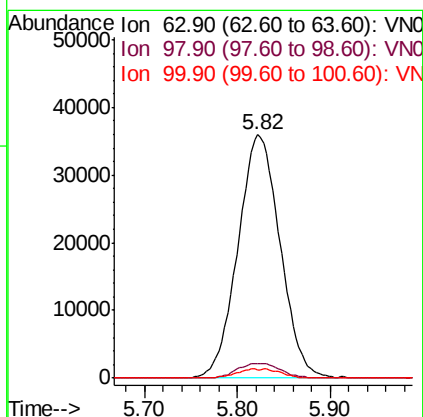
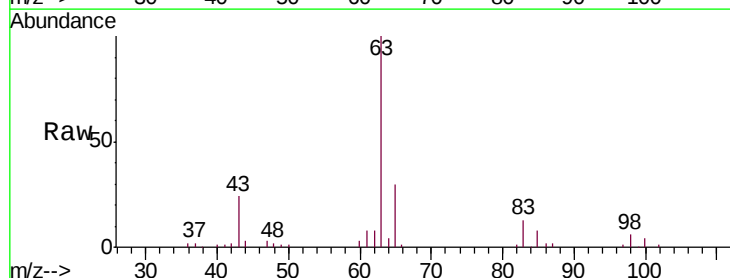
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

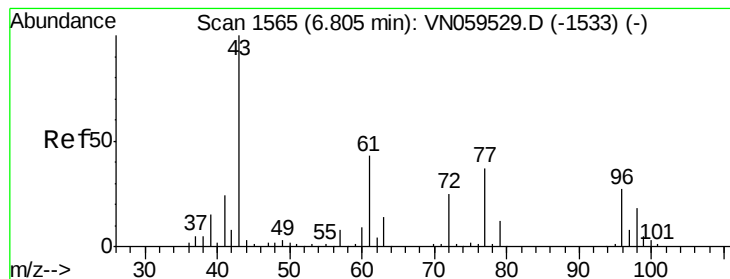
Tgt Ion: 43 Resp: 860314
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 20.845 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 63 Resp: 113303
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.0
 100 3.6 1.8 5.3





#25

2-Butanone

Concen: 103.800 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

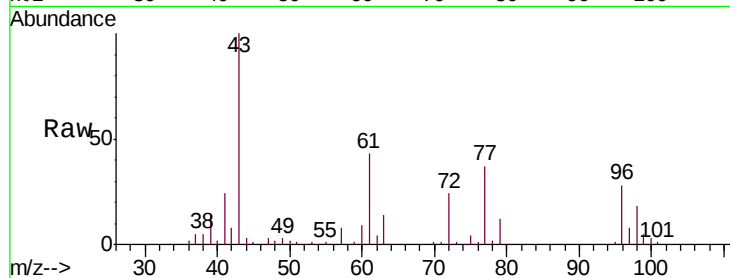
VN1210WBSD01

Tgt Ion: 43 Resp: 229123

Ion Ratio Lower Upper

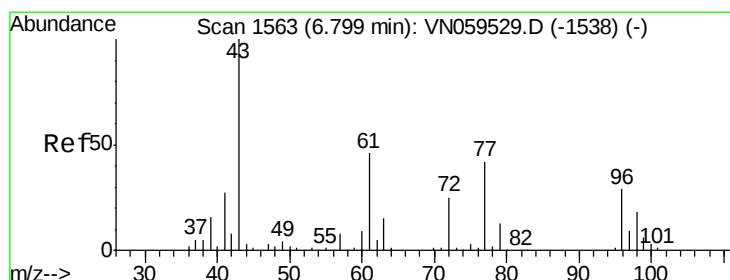
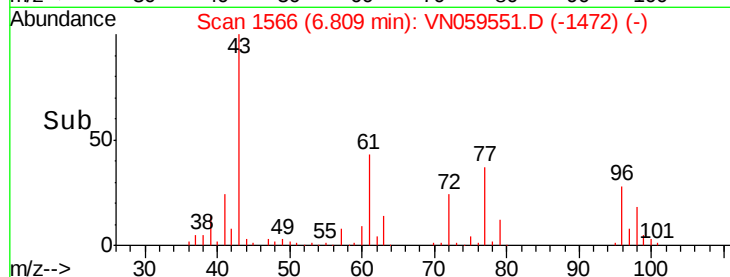
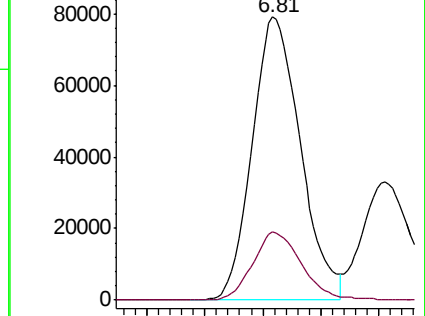
43 100

72 24.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1533) (-)

Ion 72.00 (71.70 to 72.70): VN059529.D (-1533) (-)



#26

2,2-Dichloropropane

Concen: 20.034 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059551.D

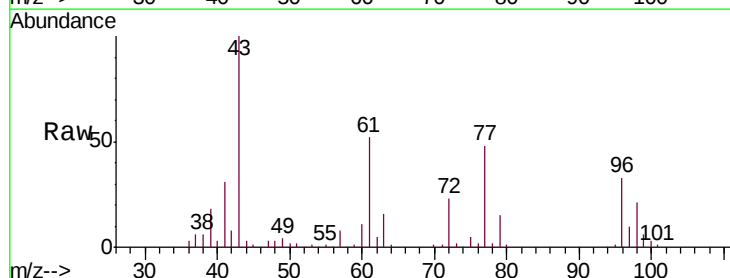
Acq: 10 Dec 2019 16:38

Tgt Ion: 77 Resp: 98378

Ion Ratio Lower Upper

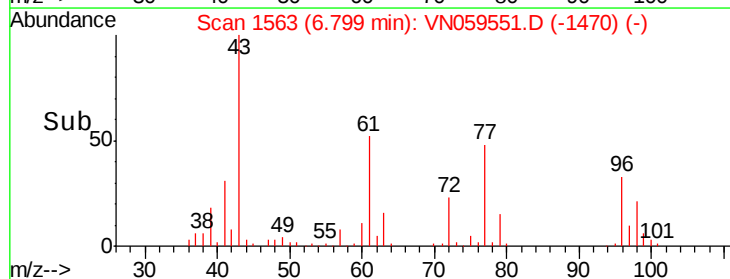
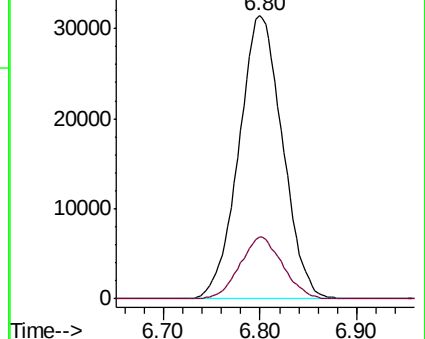
77 100

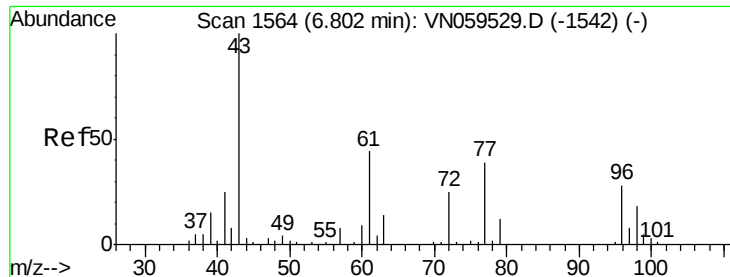
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN059529.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN059529.D (-1538) (-)





#27

cis-1,2-Dichloroethene

Concen: 20.715 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

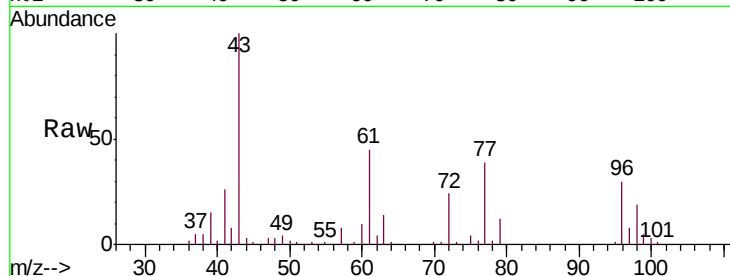
Tgt Ion: 96 Resp: 65377

Ion Ratio Lower Upper

96 100

61 158.3 0.0 320.0

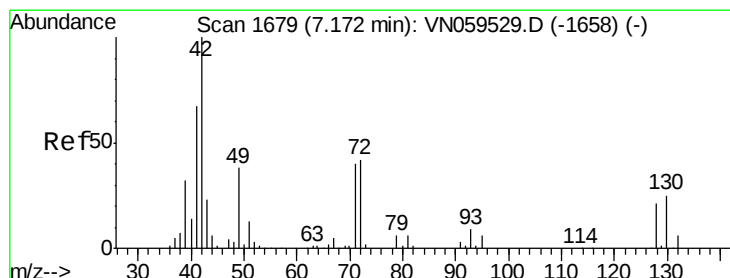
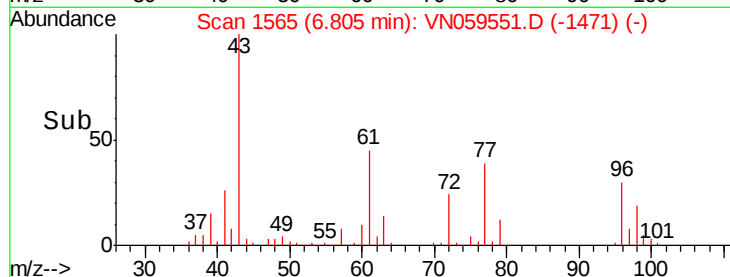
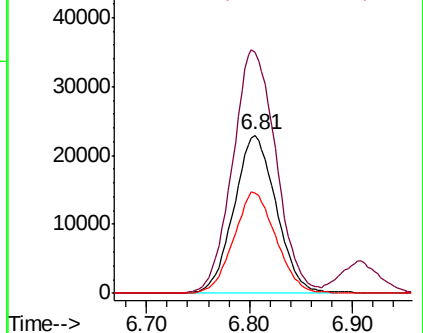
98 64.0 0.0 128.6



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: 24.094 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

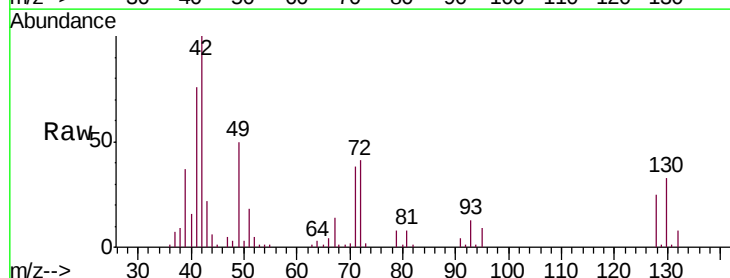
Tgt Ion: 49 Resp: 46440

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

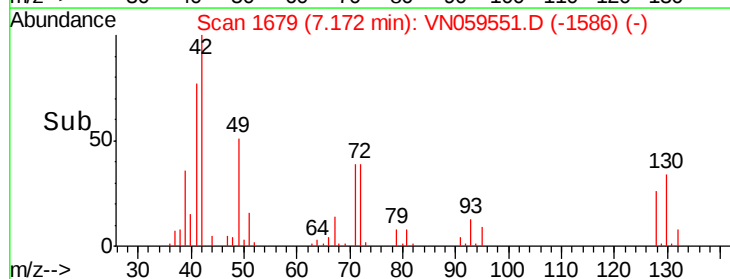
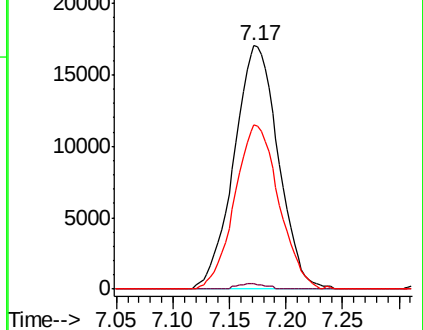
130 67.0 54.2 81.2

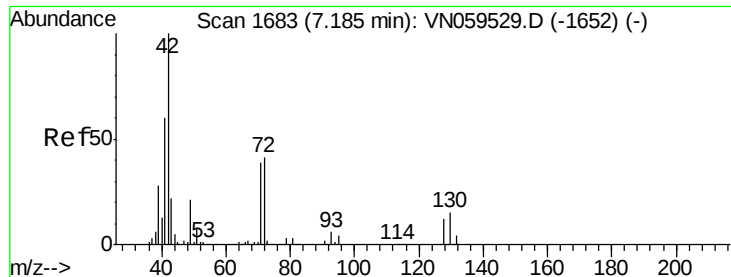


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

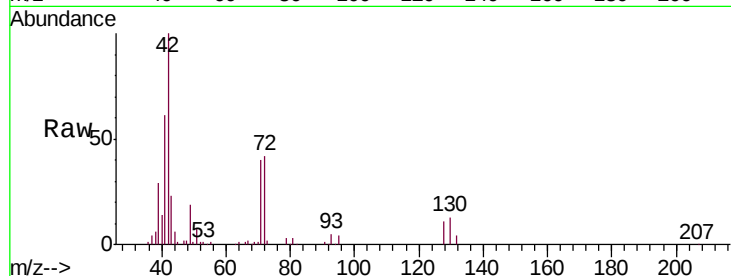




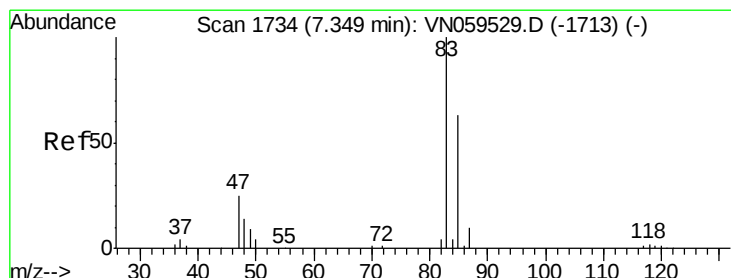
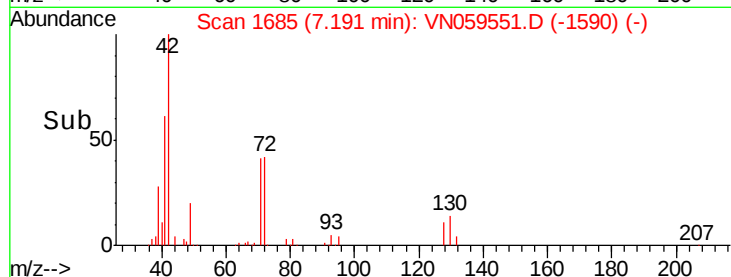
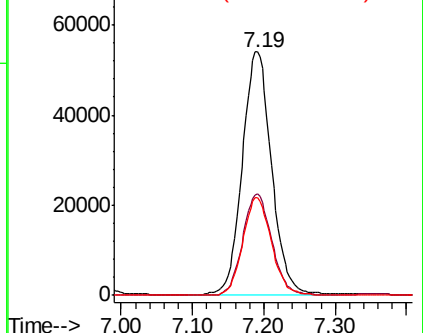
#29
Tetrahydrofuran
Concen: 101.265 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD01

Tgt Ion: 42 Resp: 155482
Ion Ratio Lower Upper
42 100
72 41.1 32.7 49.1
71 38.9 31.4 47.2

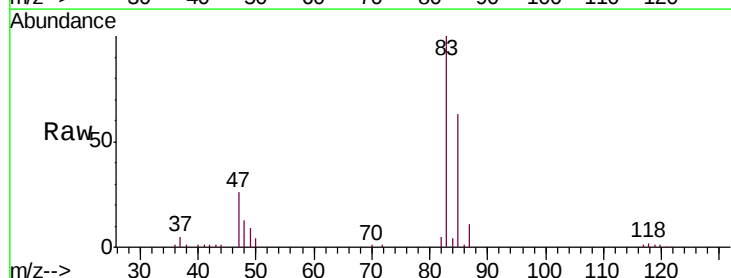


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

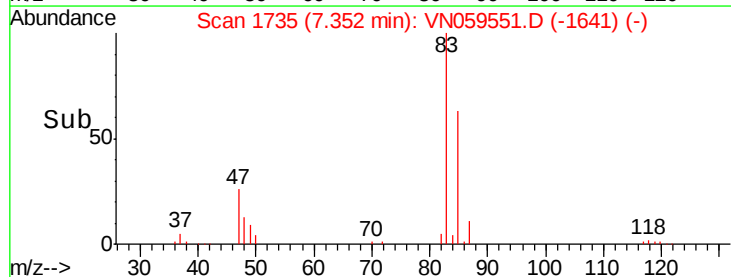
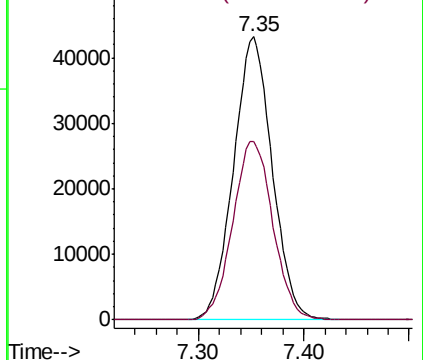


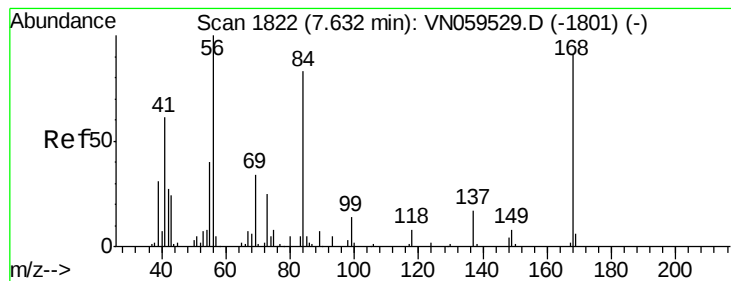
#30
Chloroform
Concen: 20.530 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 83 Resp: 110134
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.476 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

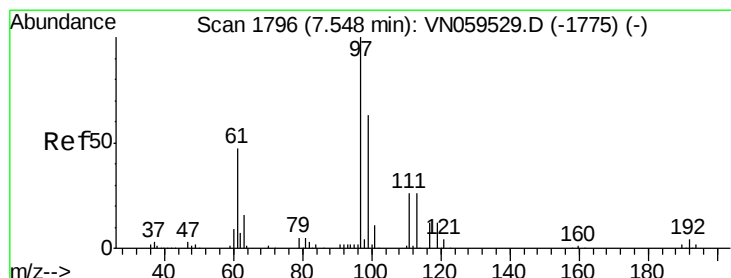
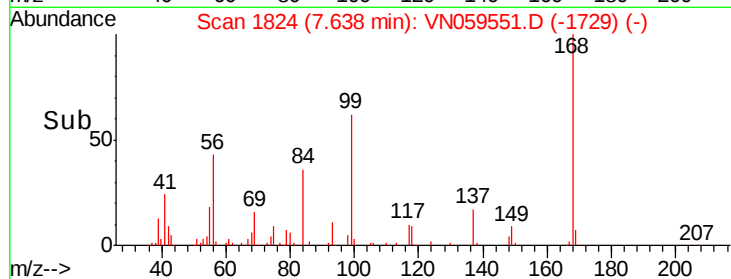
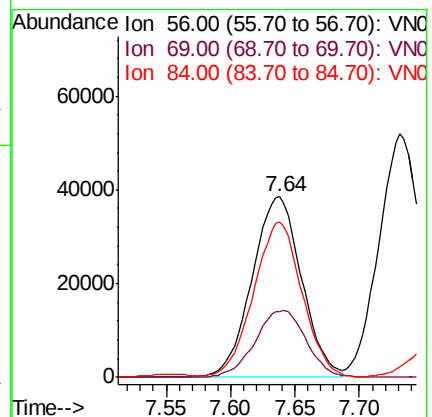
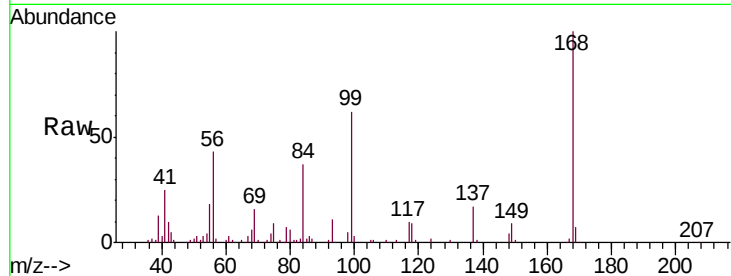
Tgt Ion: 56 Resp: 103024

Ion Ratio Lower Upper

56 100

69 36.6 26.9 40.3

84 85.2 66.5 99.7



#32

1,1,1-Trichloroethane

Concen: 20.910 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

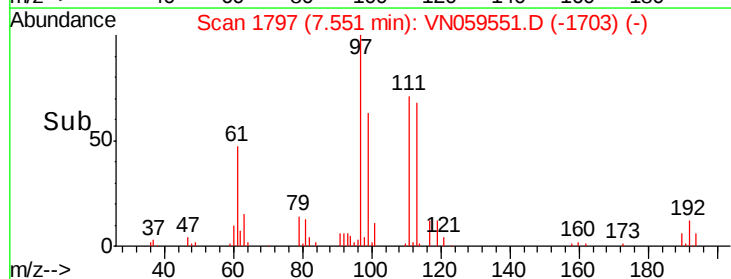
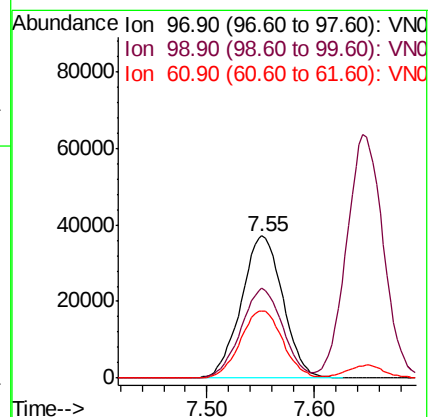
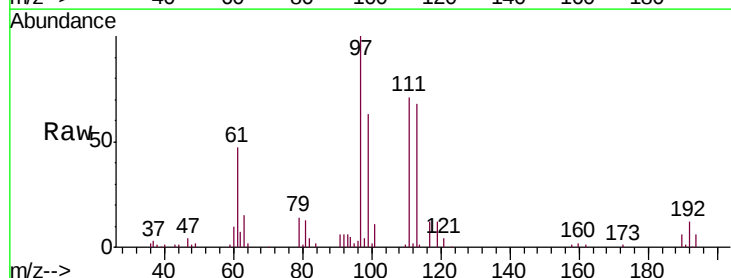
Tgt Ion: 97 Resp: 99512

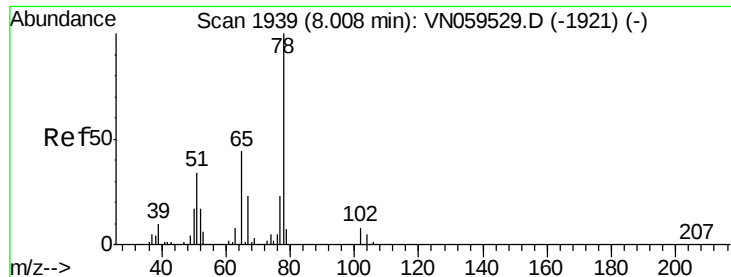
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

61 48.4 38.5 57.7

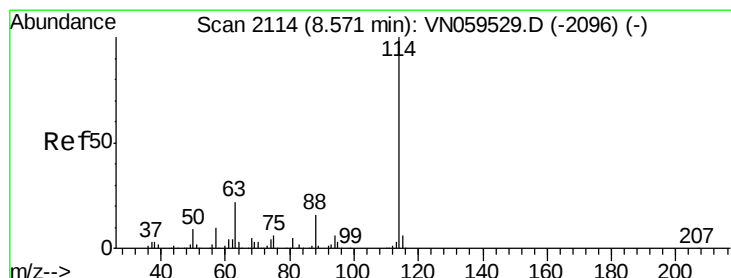
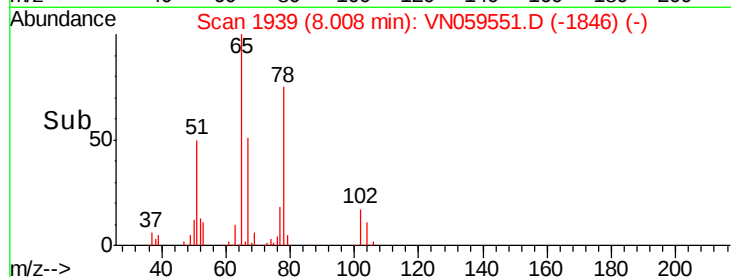
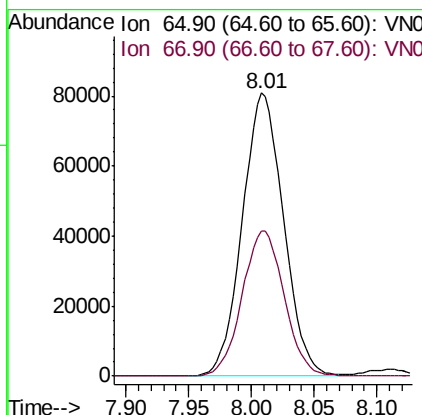
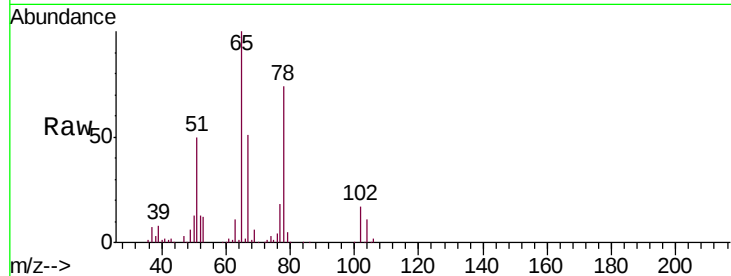




#33
 1,2-Dichloroethane-d4
 Concen: 52.698 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

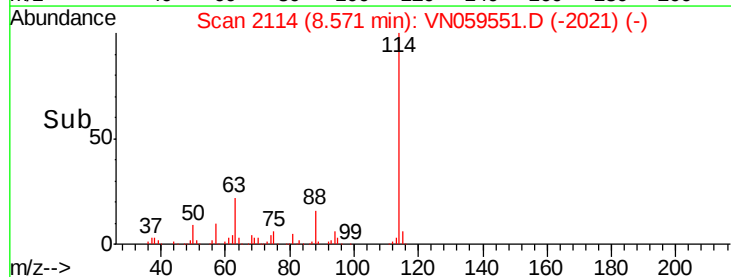
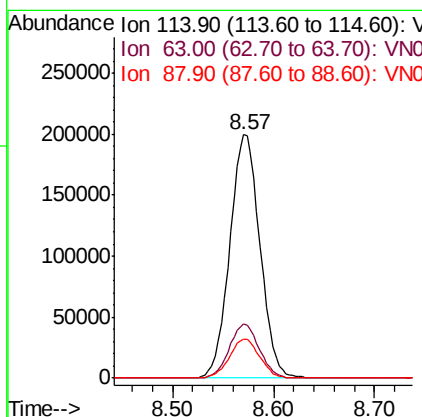
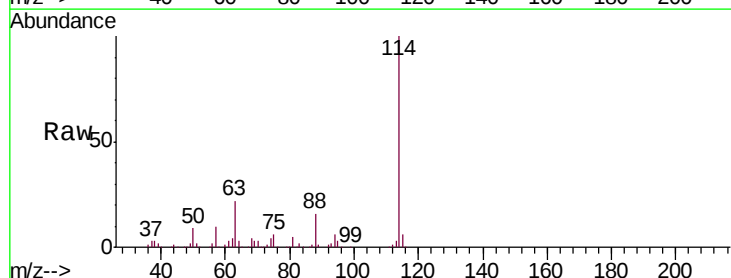
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

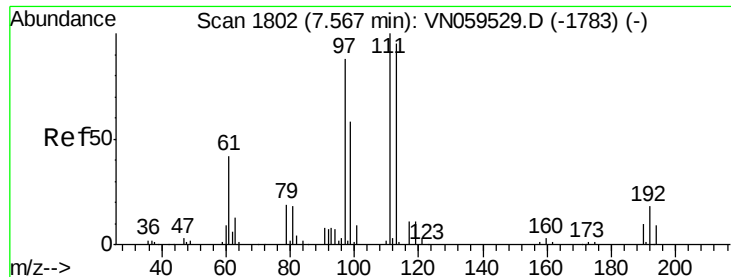
Tgt Ion: 65 Resp: 184996
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 114 Resp: 414884
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.1 0.0 32.2

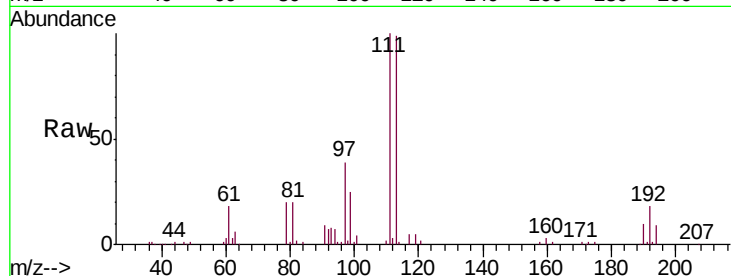




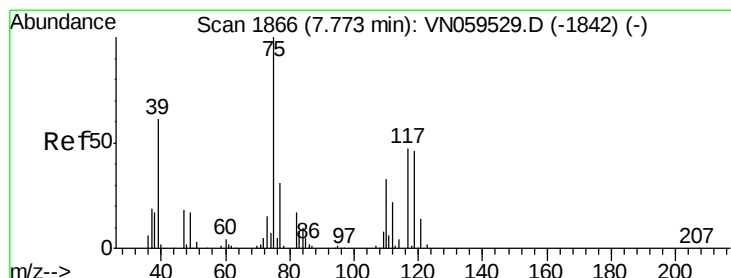
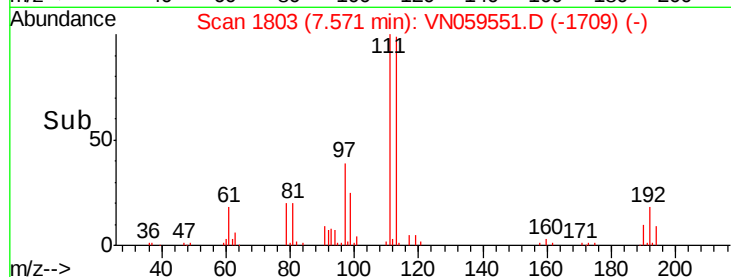
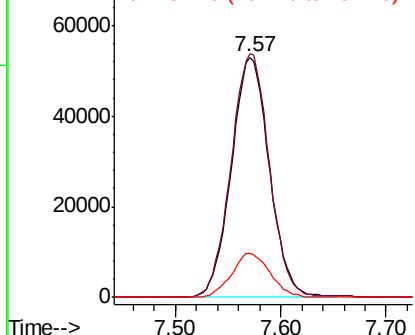
#35
Dibromofluoromethane
Concen: 53.444 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD01

Tgt Ion:113 Resp: 132316
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.6 14.8 22.2

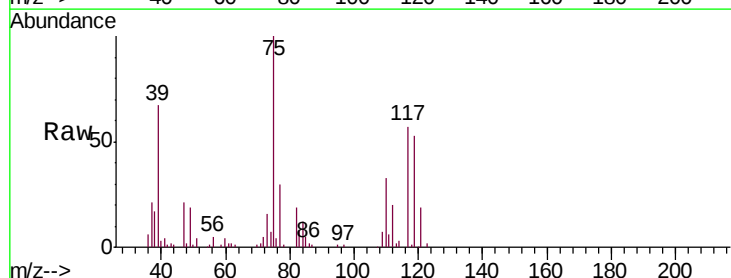


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

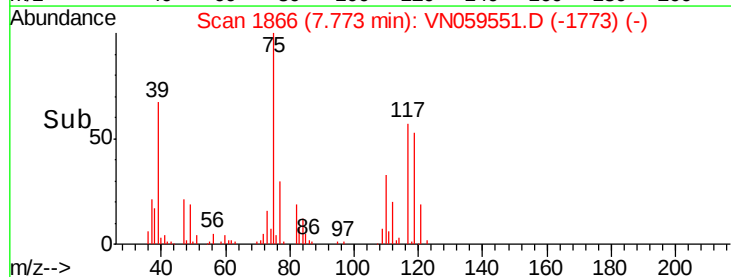
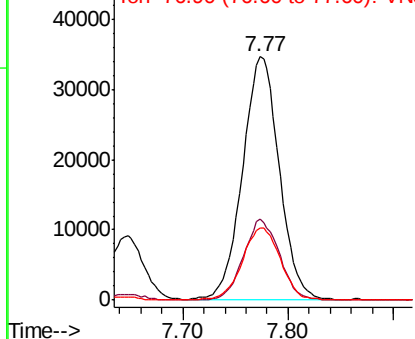


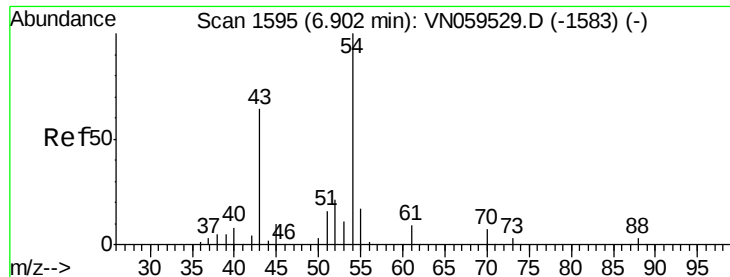
#36
1,1-Dichloropropene
Concen: 19.812 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 75 Resp: 84331
Ion Ratio Lower Upper
75 100
110 32.2 16.7 50.0
77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

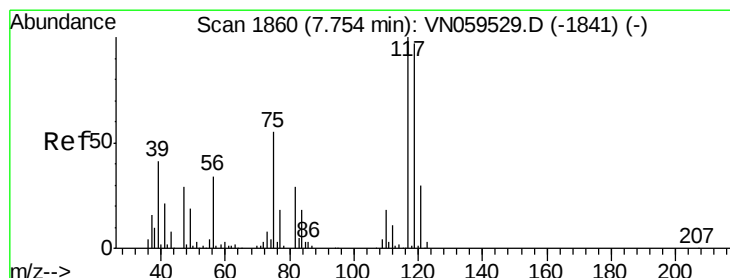
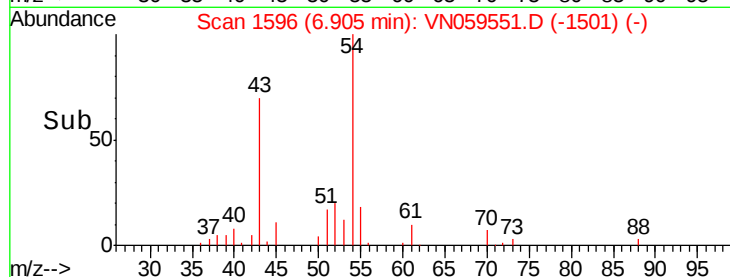
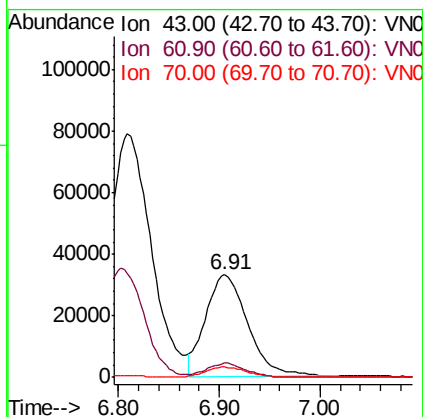
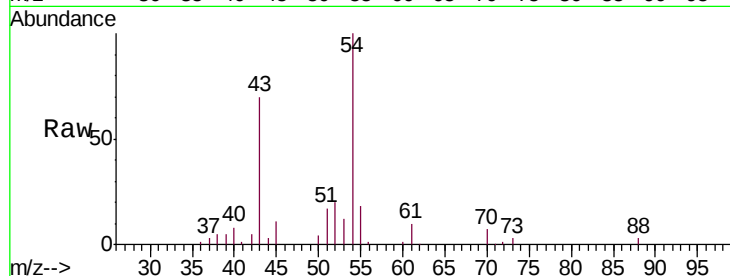




#37
Ethyl Acetate
Concen: 20.276 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

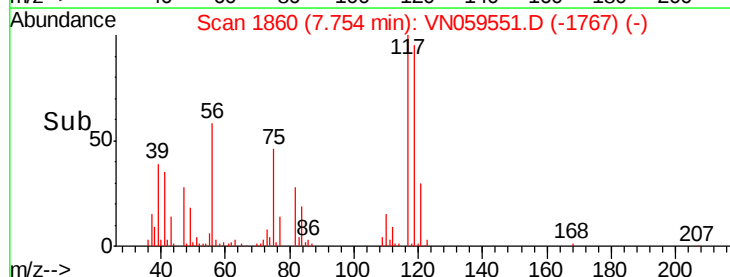
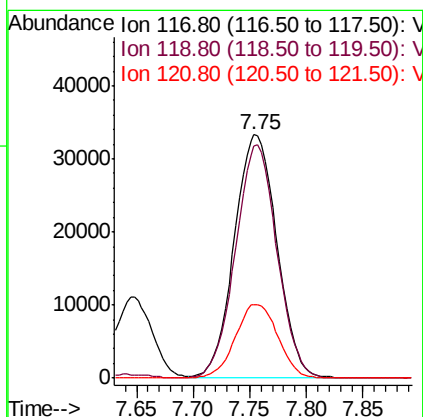
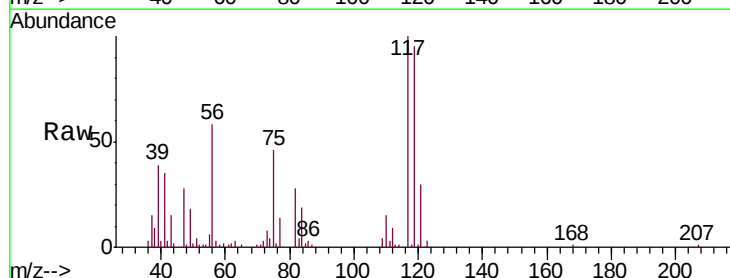
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

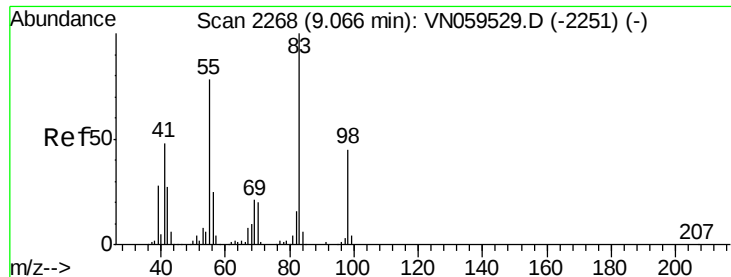
Tgt Ion: 43 Resp: 95963
Ion Ratio Lower Upper
43 100
61 11.7 11.0 16.6
70 10.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.829 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 117 Resp: 87391
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4
121 30.4 24.1 36.1

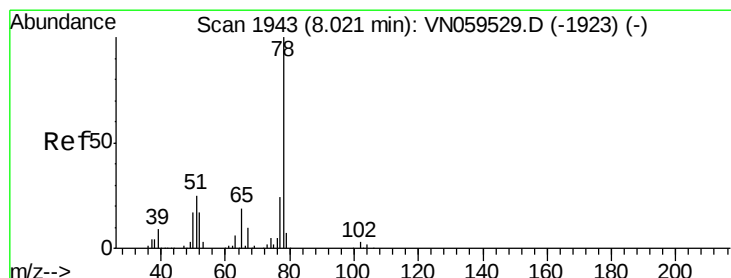
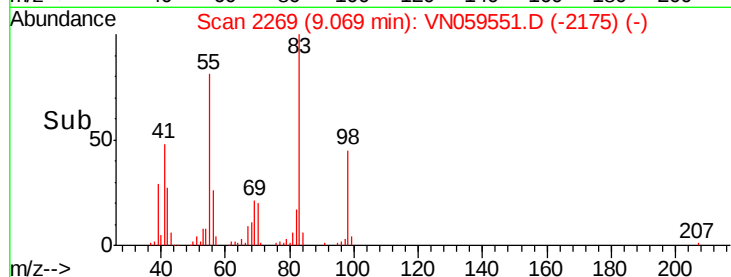
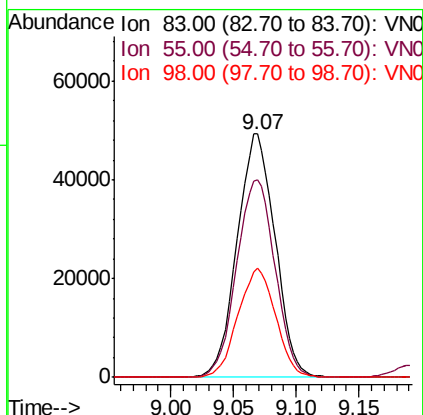
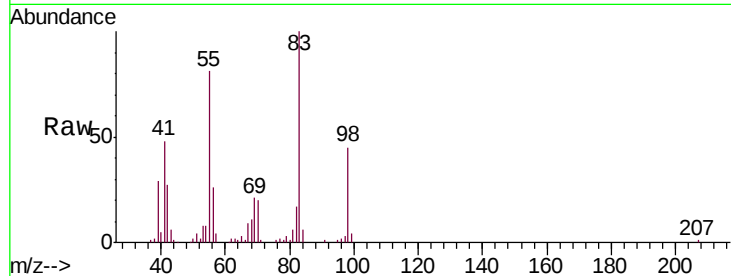




#39
Methylcyclohexane
Concen: 21.722 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

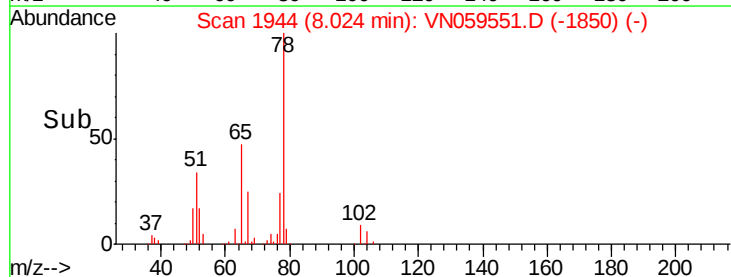
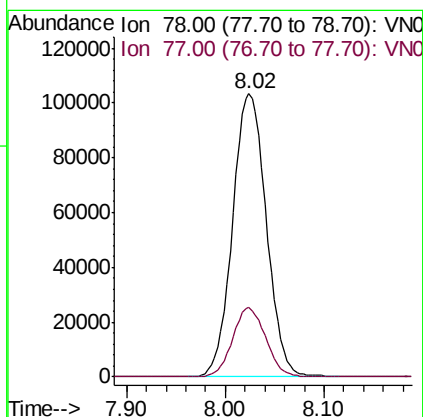
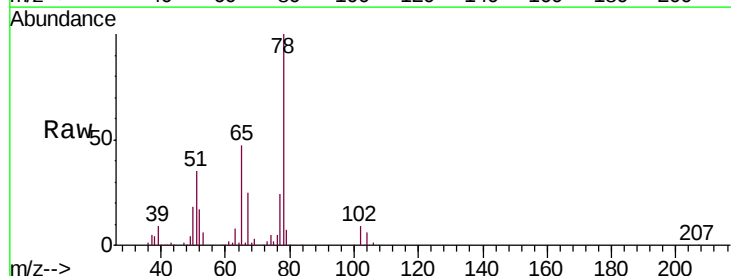
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

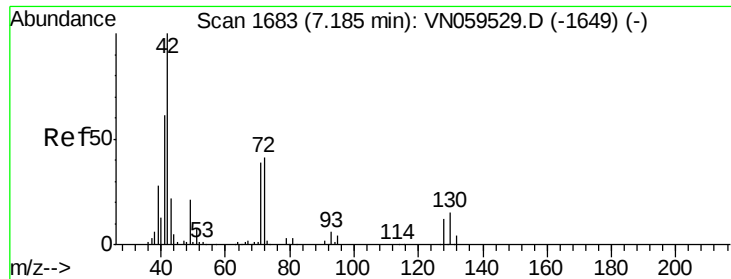
Tgt Ion: 83 Resp: 103714
Ion Ratio Lower Upper
83 100
55 81.2 62.7 94.1
98 44.7 35.7 53.5



#40
Benzene
Concen: 20.238 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 78 Resp: 246090
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

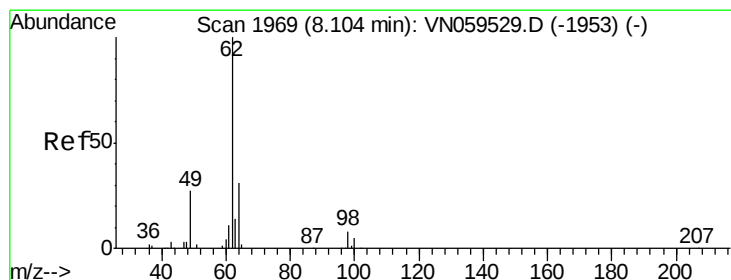
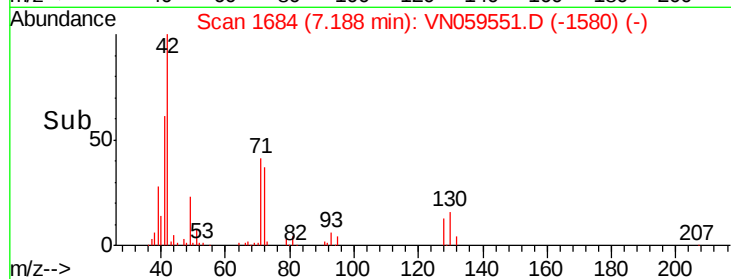
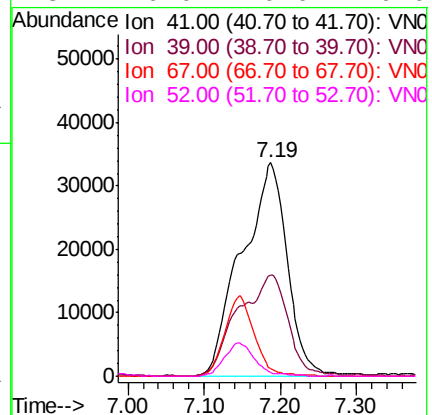
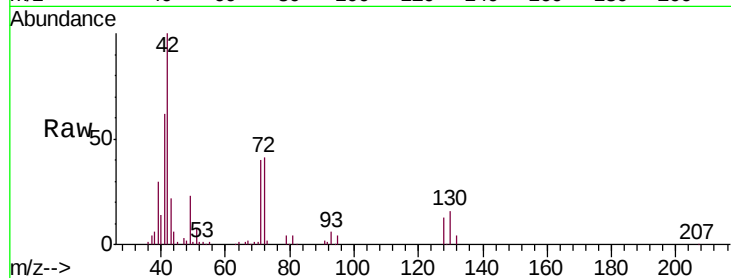




#41
Methacrylonitrile
Concen: 67.560 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

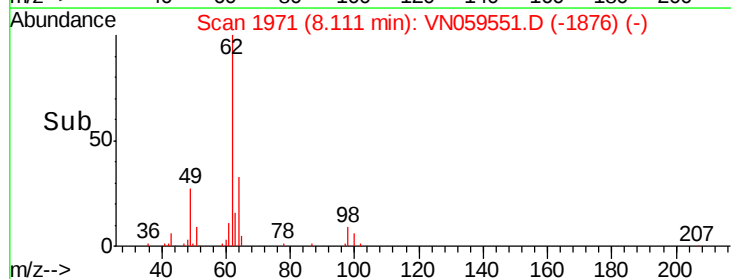
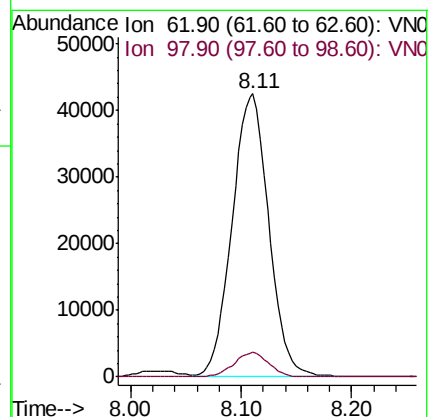
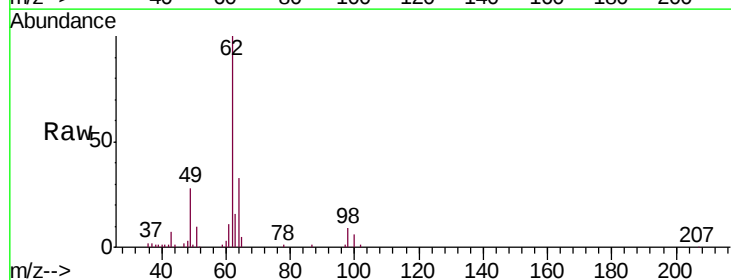
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

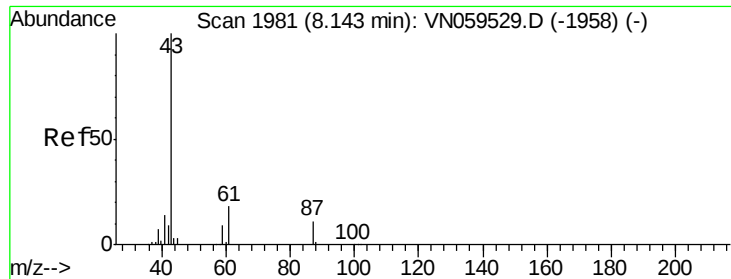
Tgt Ion:	41	Resp:	139753
Ion	Ratio	Lower	Upper
41	100		
39	52.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.648 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion:	62	Resp:	98076
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.4

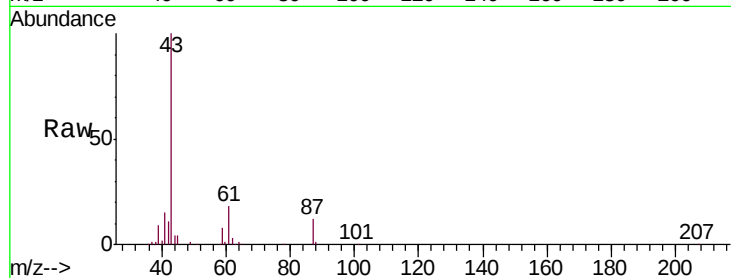




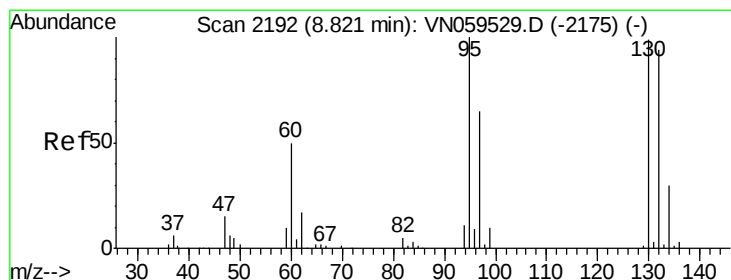
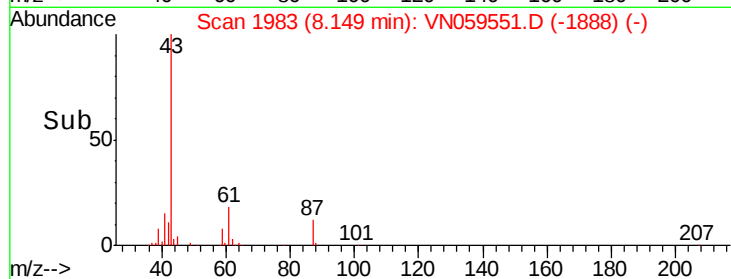
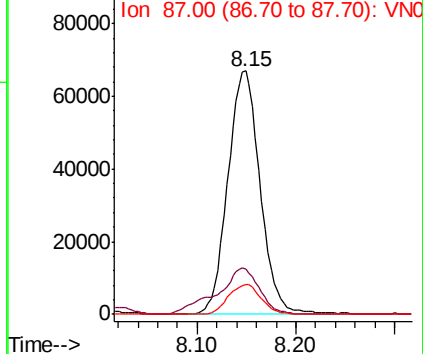
#43
Isopropyl Acetate
Concen: 20.591 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 43 Resp: 151297
Ion Ratio Lower Upper
43 100
61 25.4 19.8 29.6
87 12.6 9.4 14.2

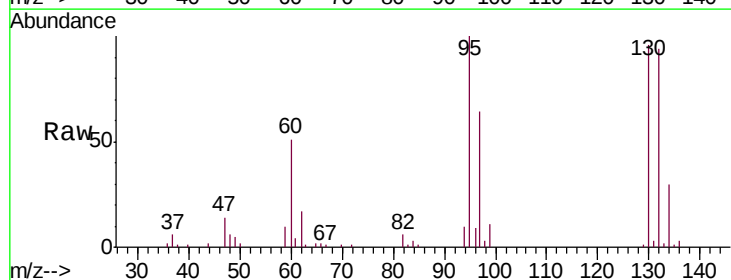


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

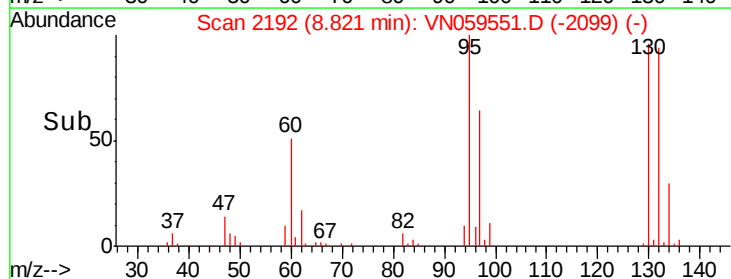
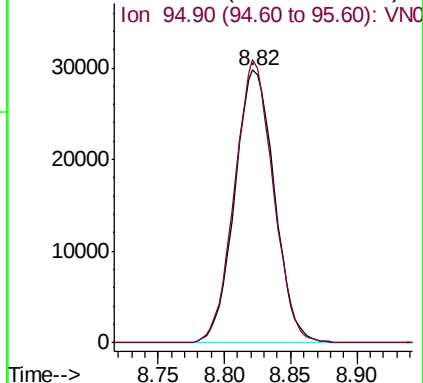


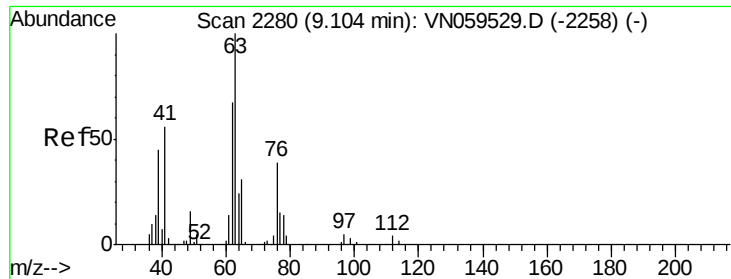
#44
Trichloroethene
Concen: 20.176 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 130 Resp: 61979
Ion Ratio Lower Upper
130 100
95 103.8 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

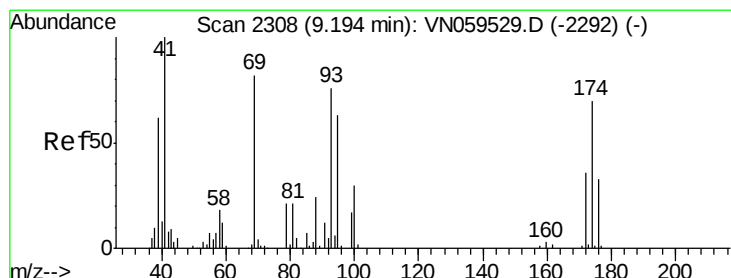
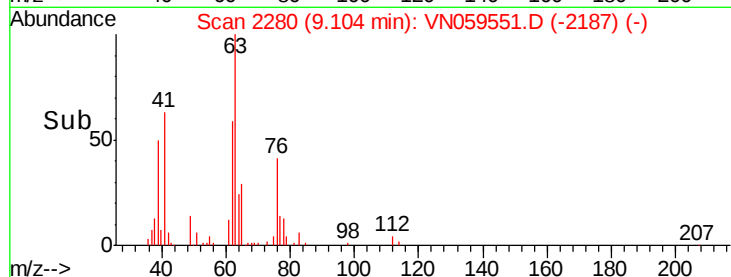
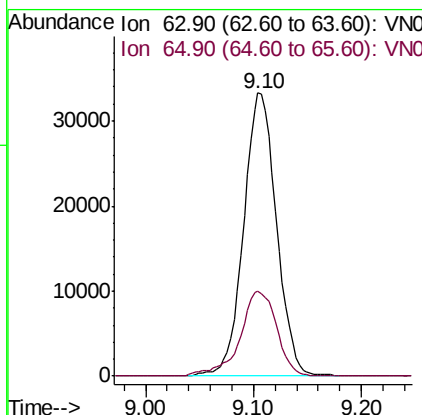
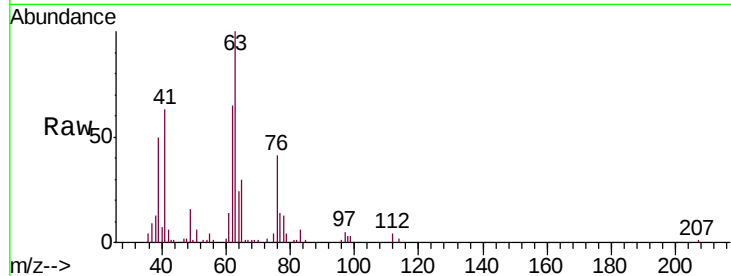




#45
 1,2-Dichloropropane
 Concen: 21.829 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

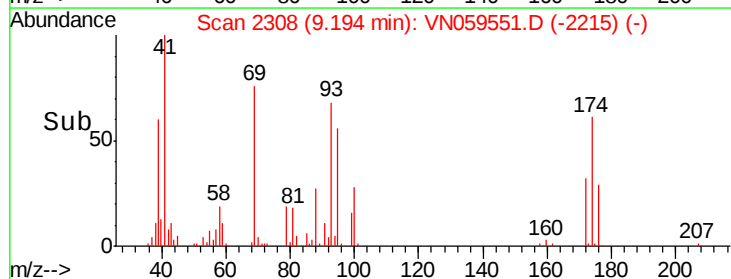
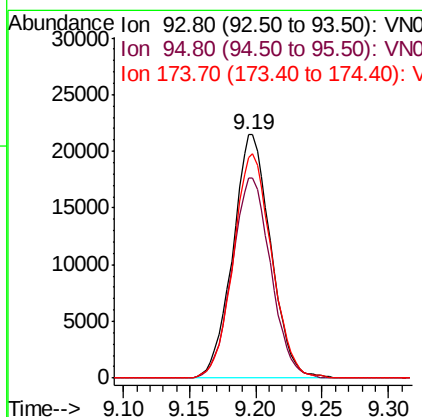
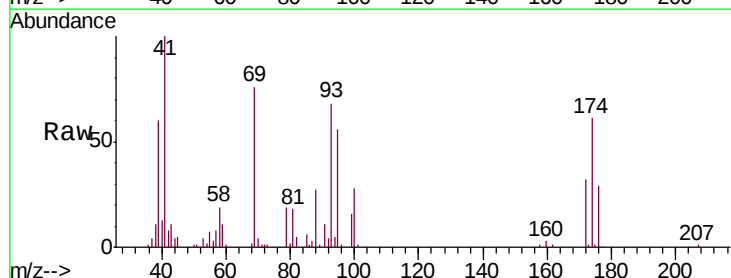
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

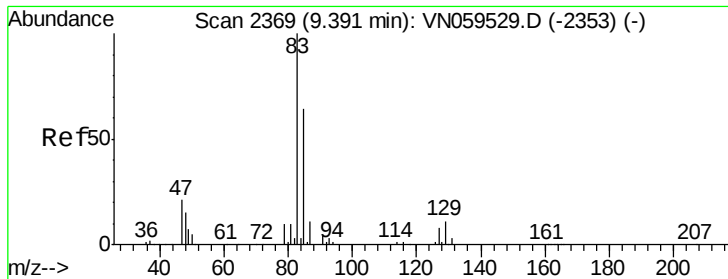
Tgt Ion: 63 Resp: 70317
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 20.074 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 93 Resp: 42734
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 92.9 75.6 113.4





#47

Bromodichloromethane

Concen: 20.716 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

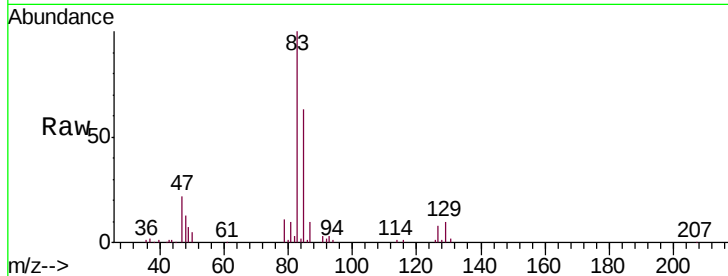
Tgt Ion: 83 Resp: 87648

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

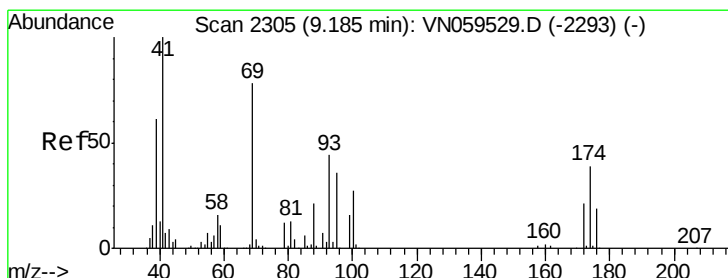
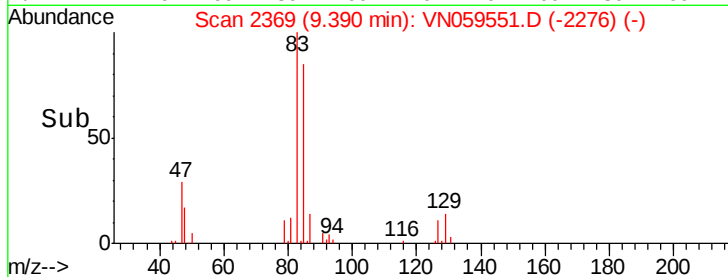
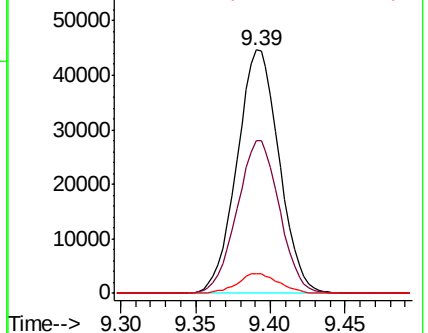
127 8.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN059551.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059551.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059551.D (-2276) (-)



#48

Methyl methacrylate

Concen: 20.629 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

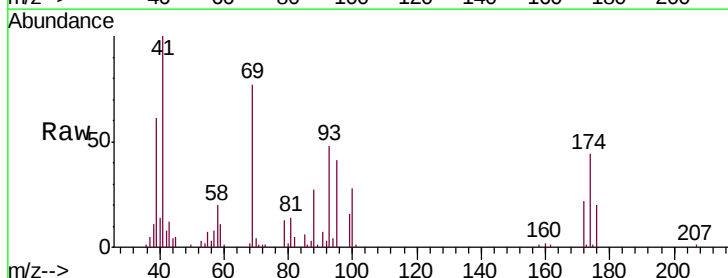
Tgt Ion: 41 Resp: 66276

Ion Ratio Lower Upper

41 100

69 78.7 64.0 96.0

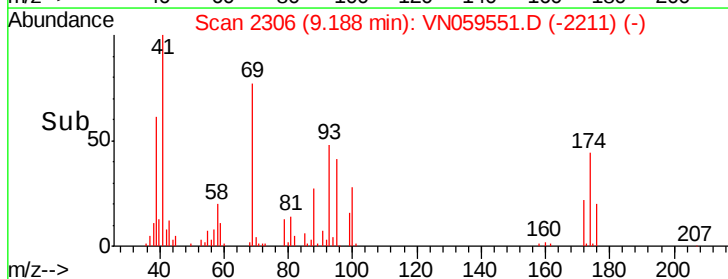
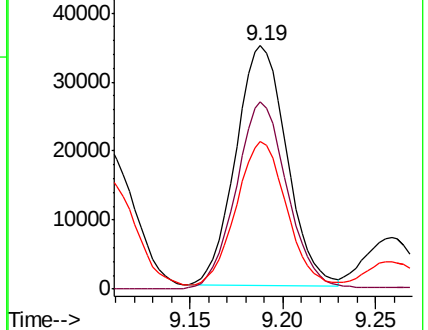
39 61.8 50.0 75.0

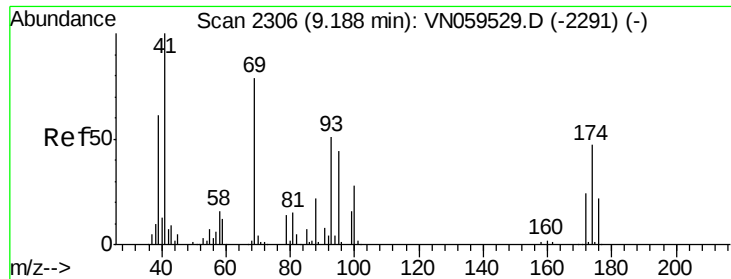


Abundance Ion 41.00 (40.70 to 41.70): VN059551.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059551.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059551.D (-2211) (-)

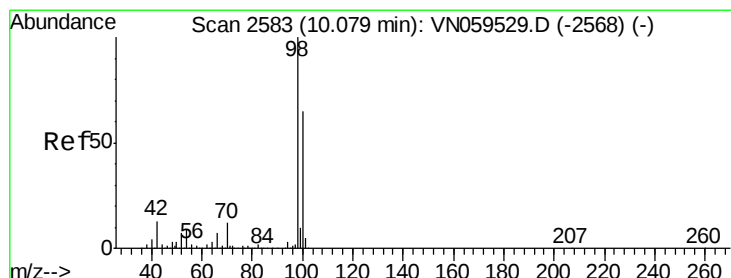
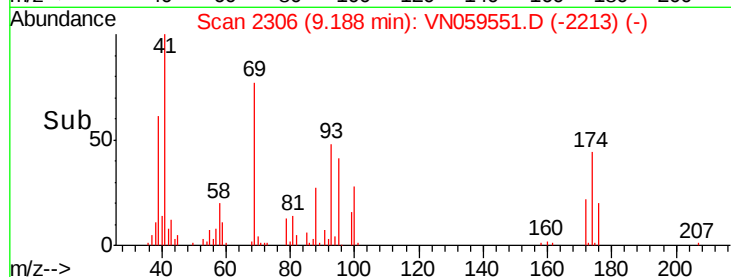
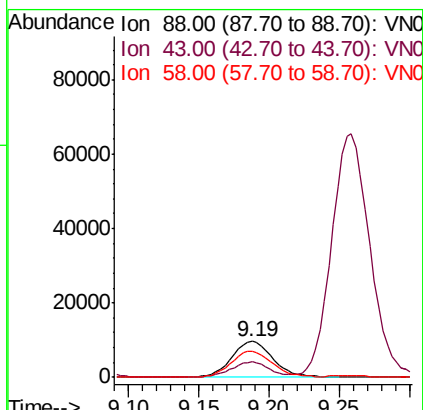
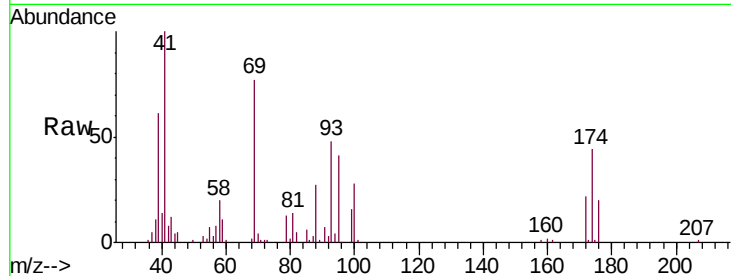




#49
 1,4-Dioxane
 Concen: 482.245 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

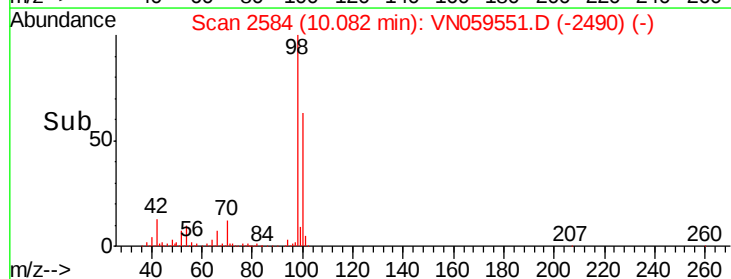
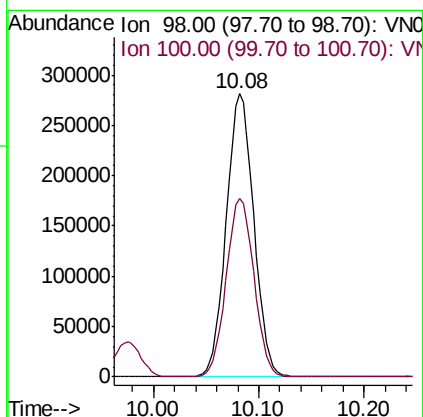
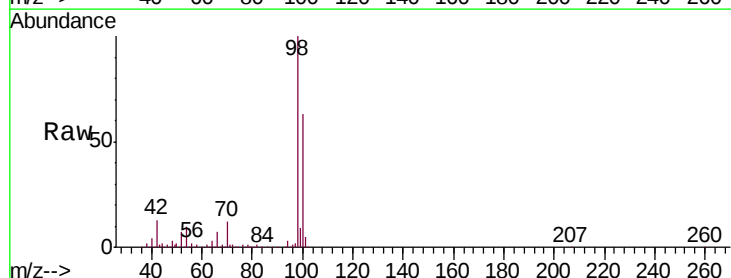
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

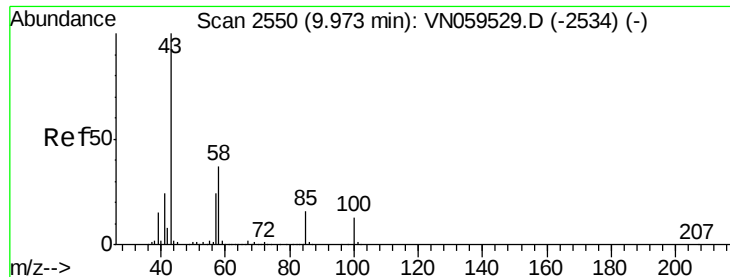
Tgt Ion: 88 Resp: 19823
 Ion Ratio Lower Upper
 88 100
 43 41.9 31.4 47.0
 58 73.9 61.0 91.6



#50
 Toluene-d8
 Concen: 50.308 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 98 Resp: 508497
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.8 77.8

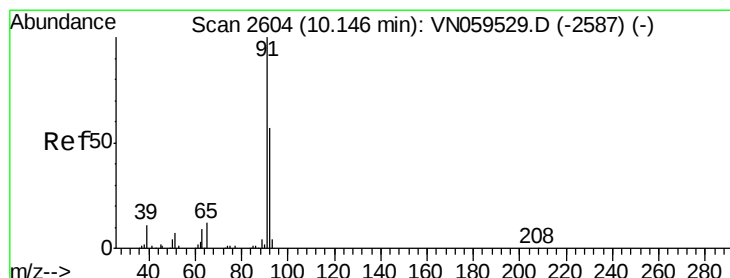
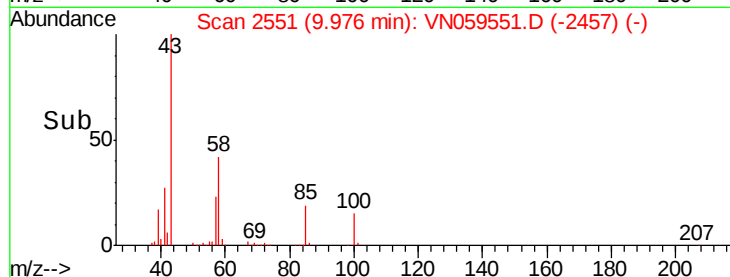
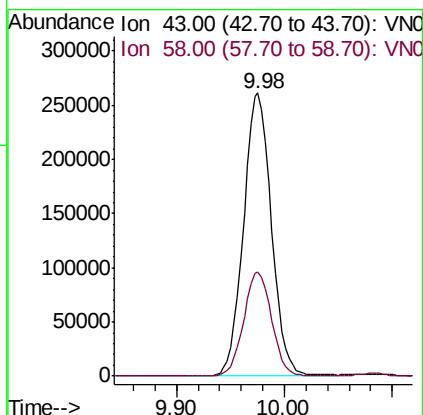
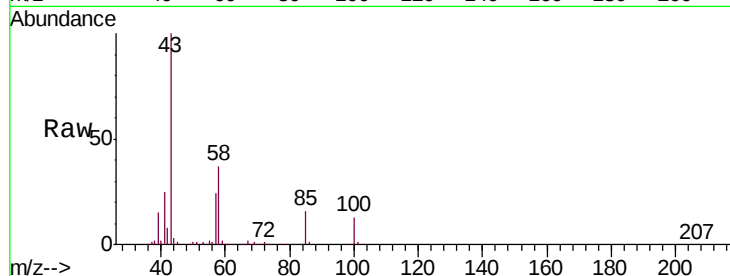




#51
 4-Methyl-2-Pentanone
 Concen: 99.269 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

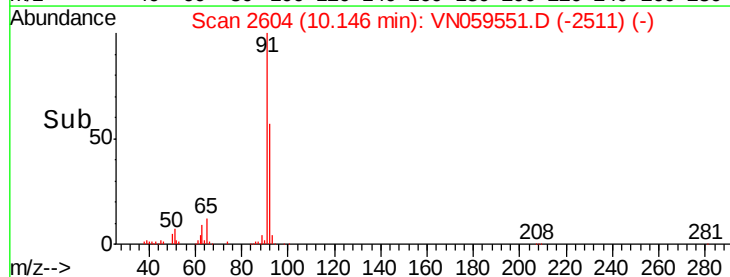
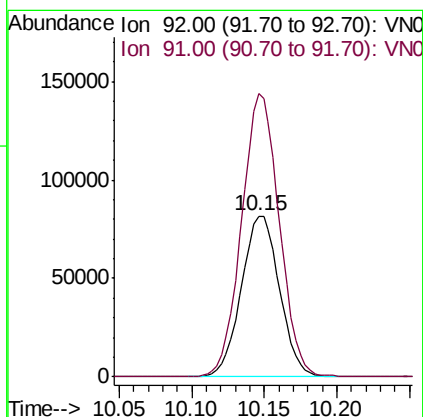
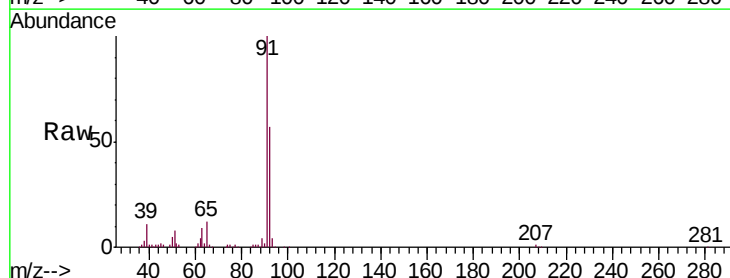
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

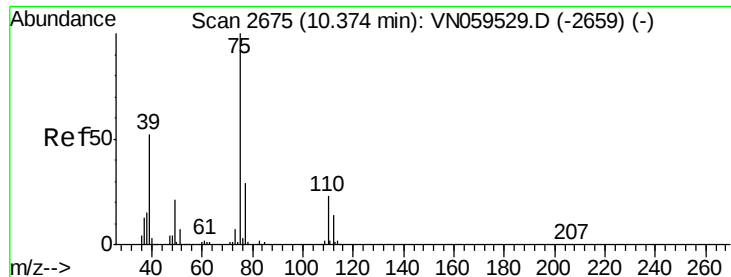
Tgt Ion: 43 Resp: 465728
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.1 45.1



#52
 Toluene
 Concen: 20.646 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 92 Resp: 149584
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 20.074 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

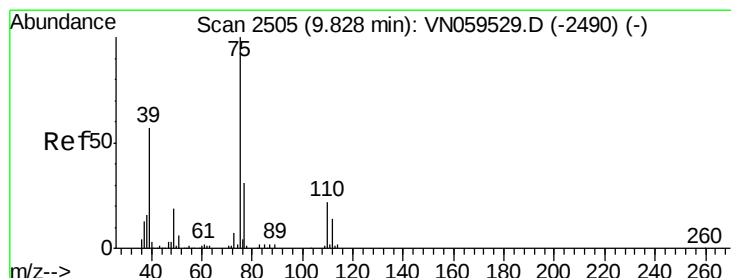
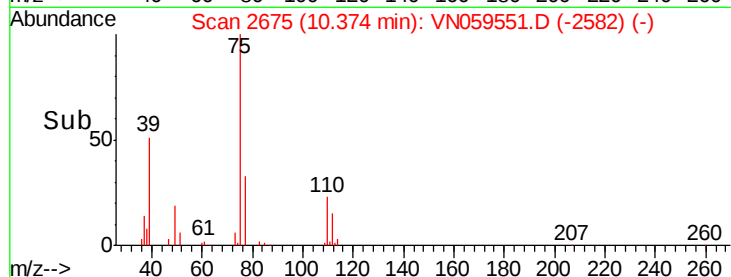
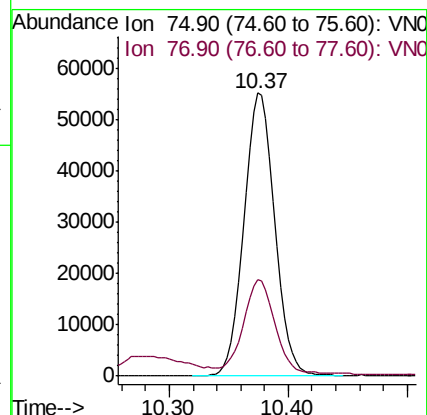
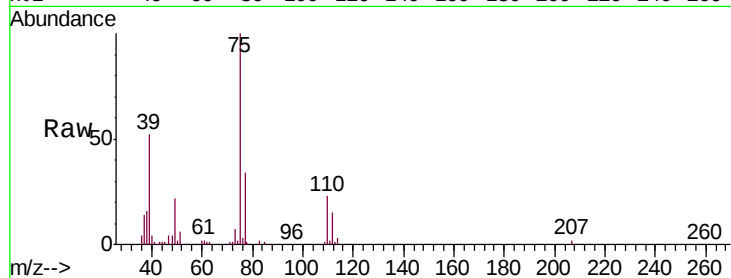
VN1210WBSD01

Tgt Ion: 75 Resp: 98955

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.906 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

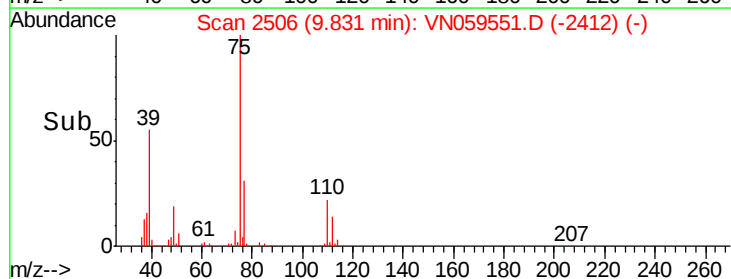
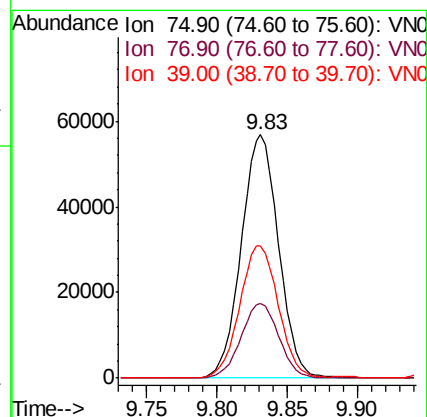
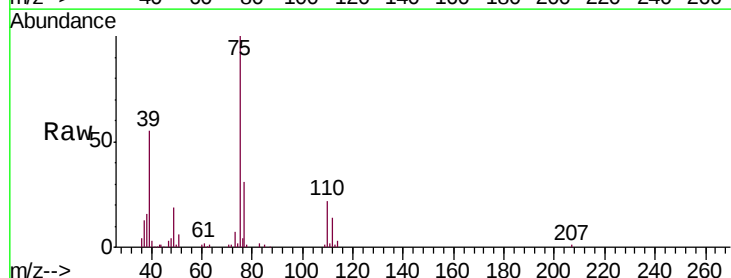
Tgt Ion: 75 Resp: 105475

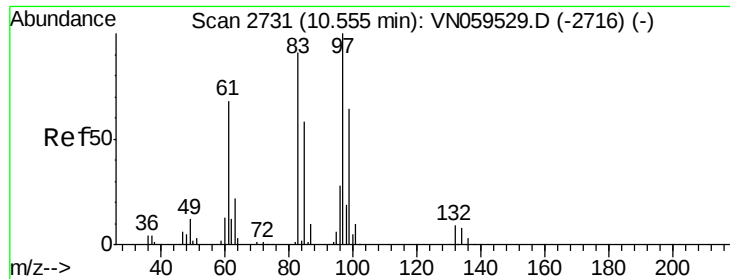
Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 54.5 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 20.294 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion: 97 Resp: 59466

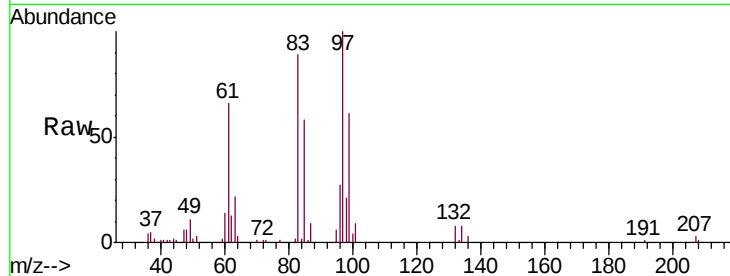
Ion Ratio Lower Upper

97 100

83 89.0 72.9 109.3

85 57.6 46.1 69.1

99 61.0 50.8 76.2

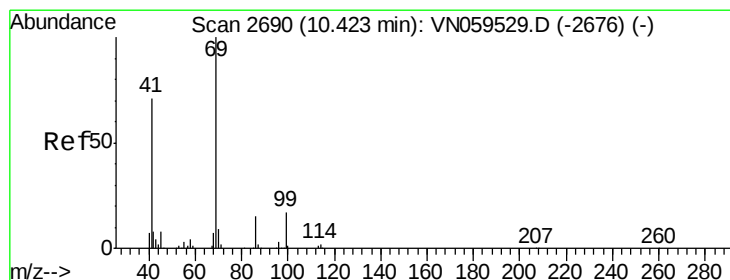
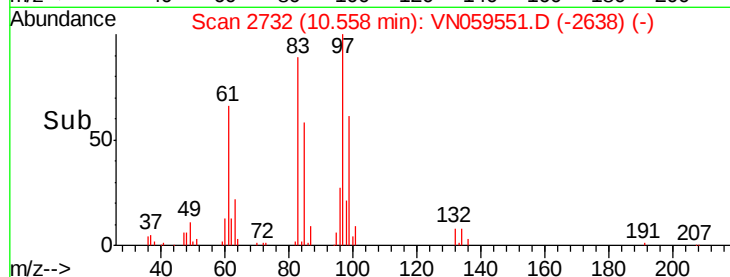
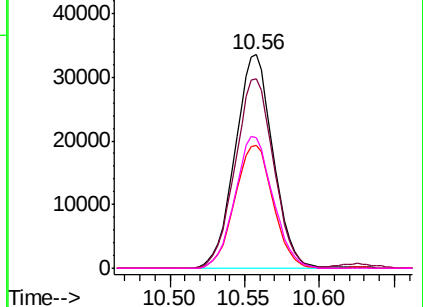


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.442 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

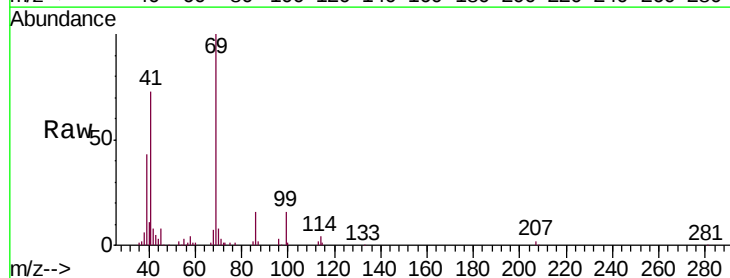
Tgt Ion: 69 Resp: 86010

Ion Ratio Lower Upper

69 100

41 72.2 57.7 86.5

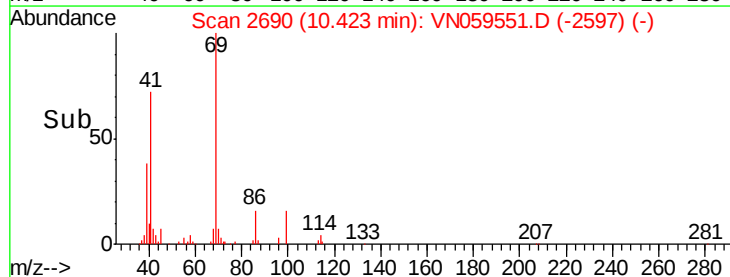
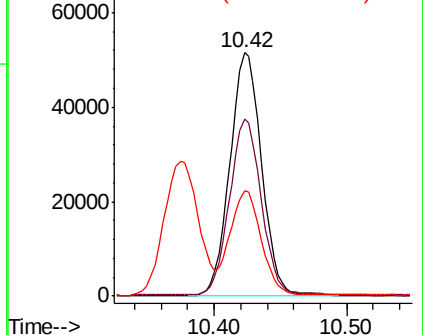
39 42.4 34.2 51.2

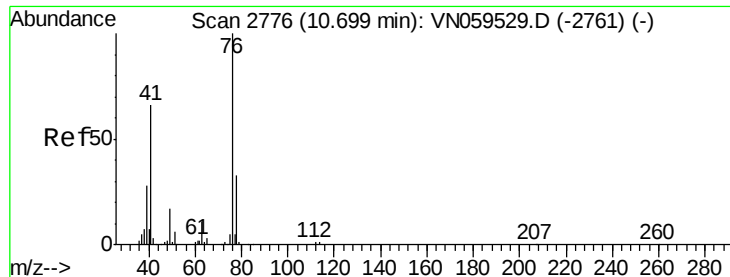


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.839 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

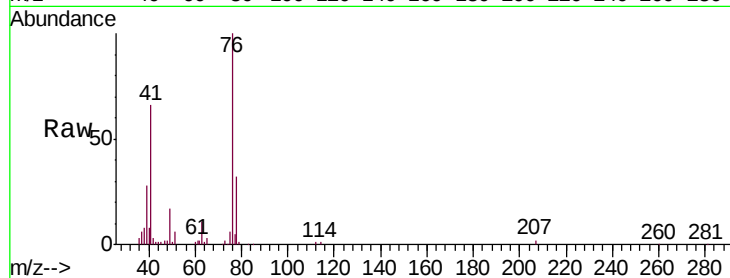
VN1210WBSD01

Tgt Ion: 76 Resp: 104287

Ion Ratio Lower Upper

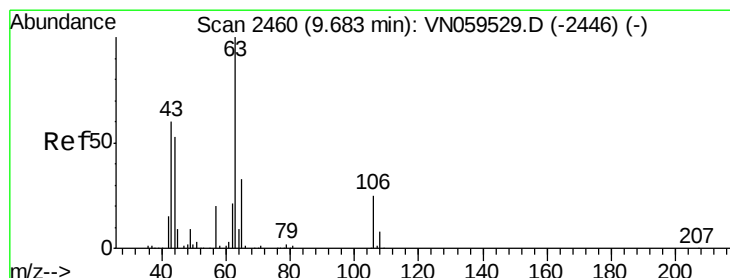
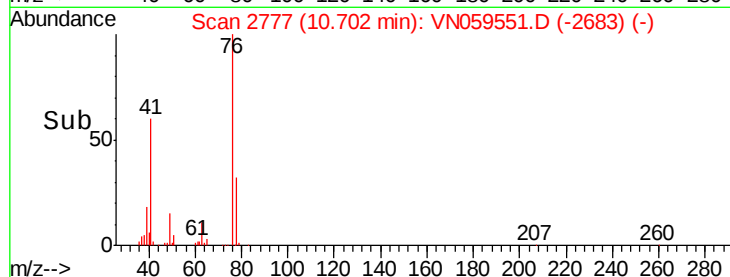
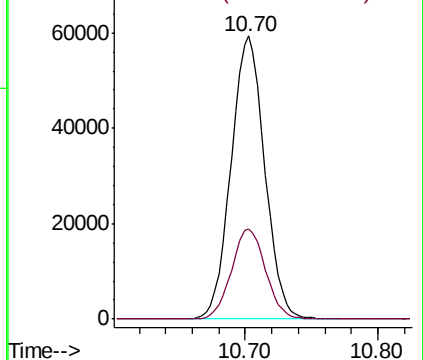
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 119.190 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059551.D

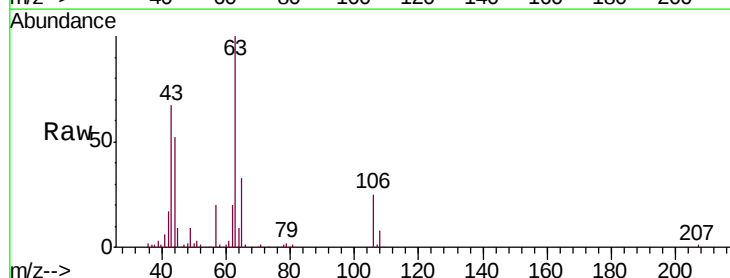
Acq: 10 Dec 2019 16:38

Tgt Ion: 63 Resp: 143076

Ion Ratio Lower Upper

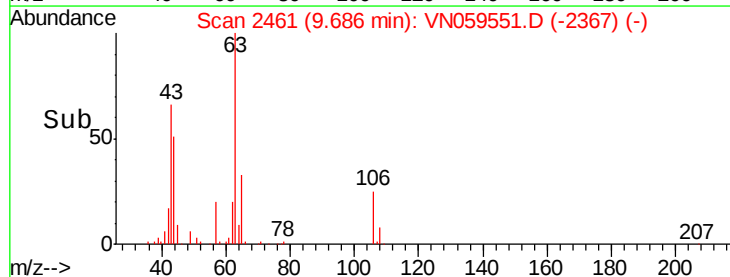
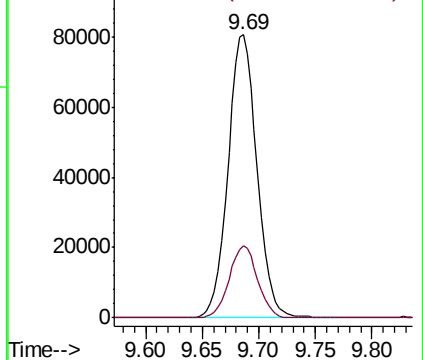
63 100

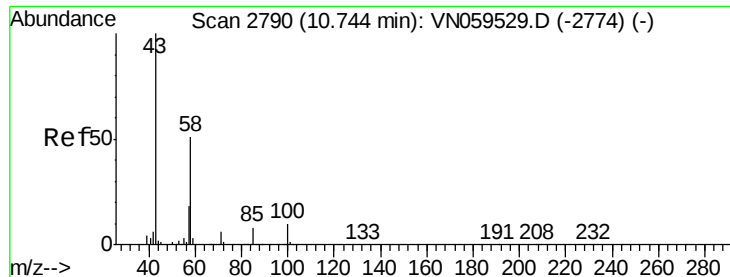
106 25.0 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

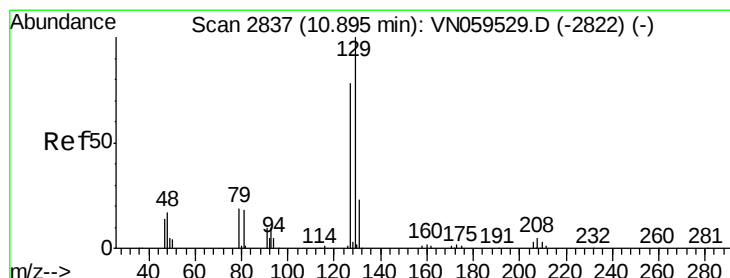
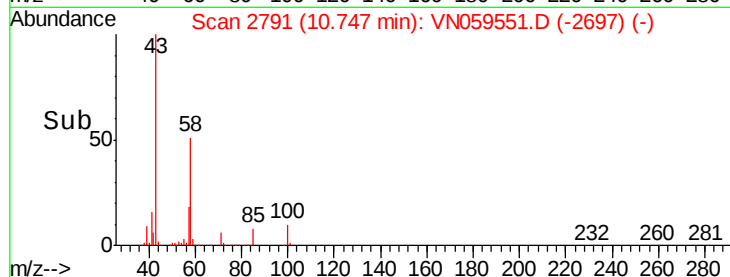
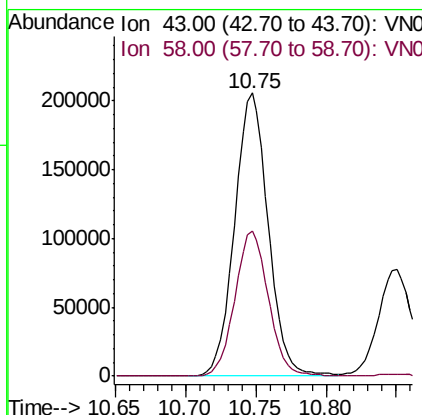
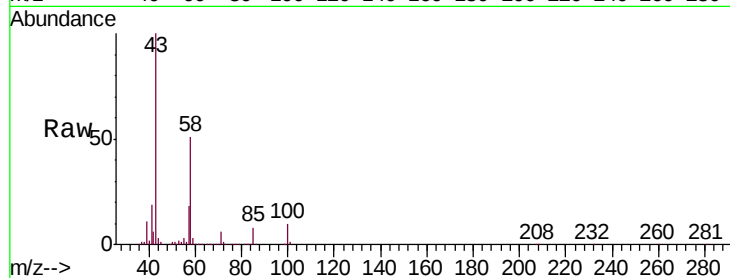




#59
2-Hexanone
Concen: 97.110 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

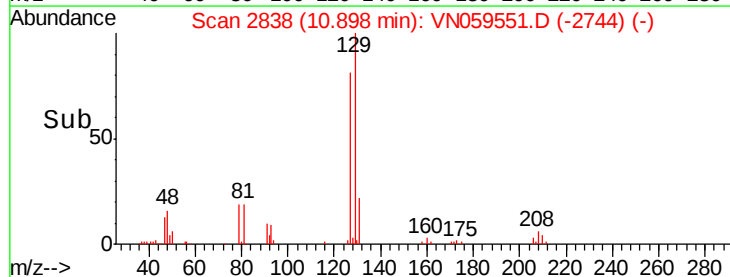
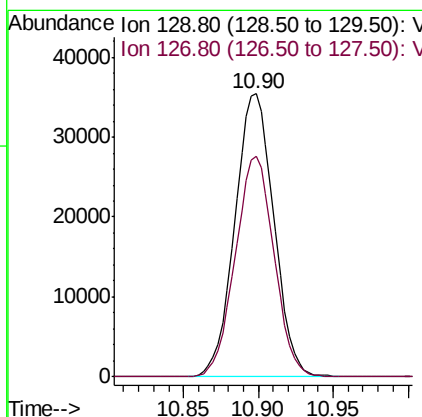
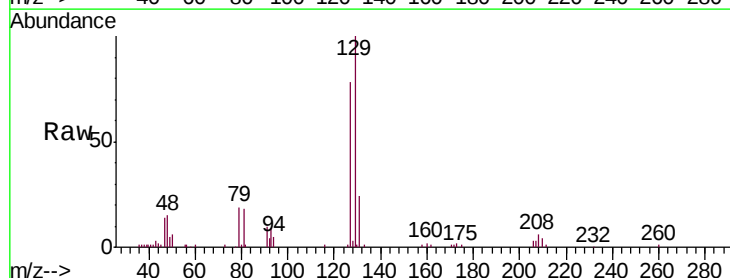
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

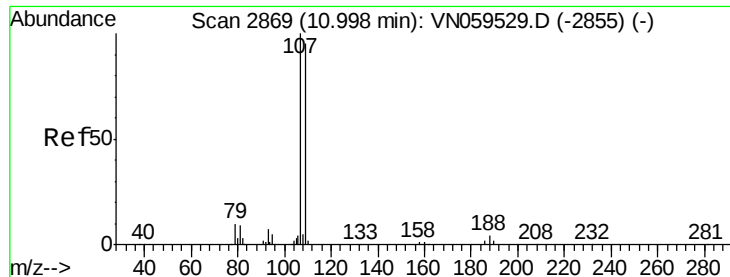
Tgt Ion: 43 Resp: 341413
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6



#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 129 Resp: 64284
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6

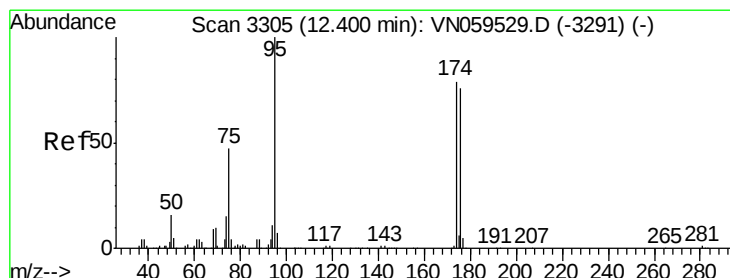
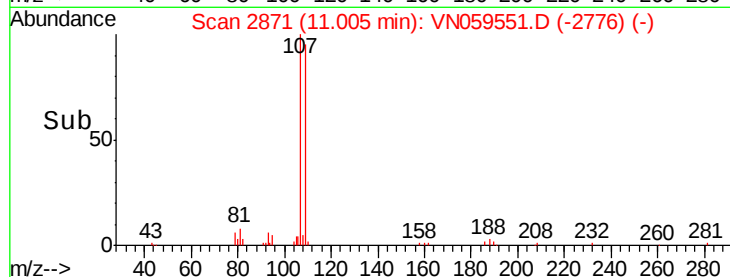
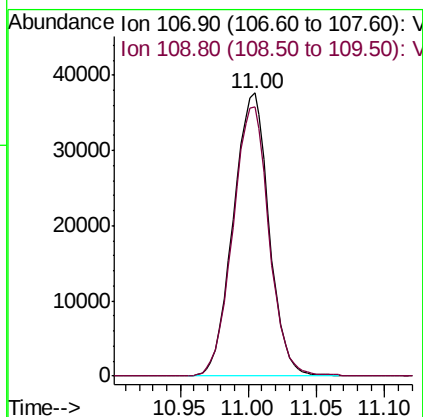
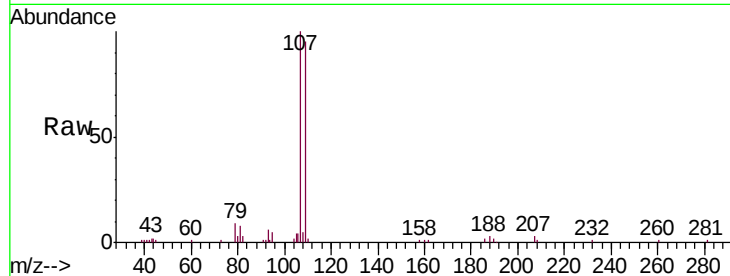




#61
 1,2-Dibromoethane
 Concen: 22.450 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.01 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

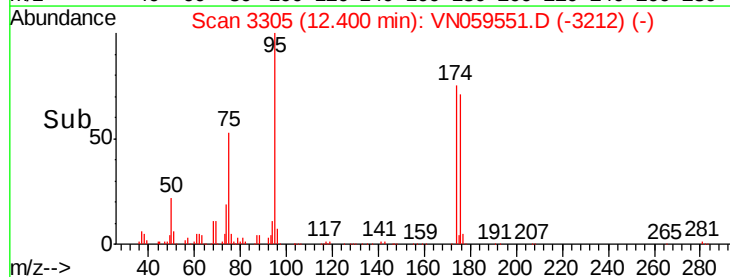
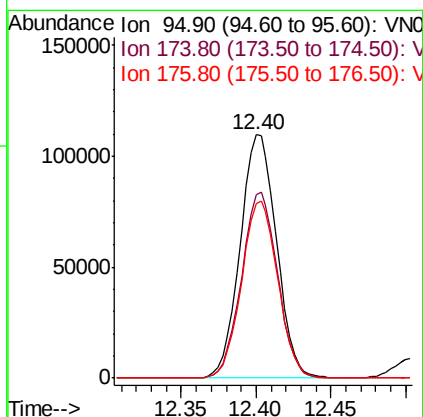
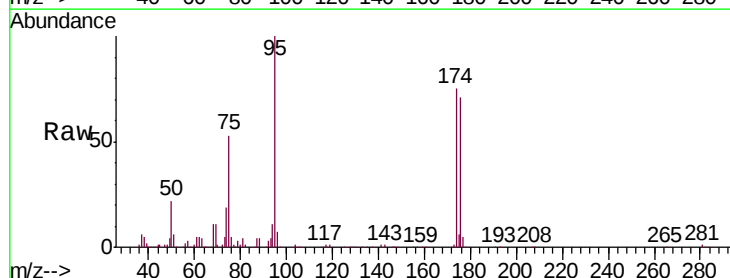
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

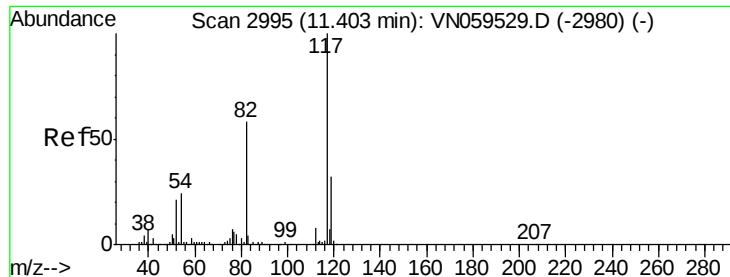
Tgt Ion: 107 Resp: 68483
 Ion Ratio Lower Upper
 107 100
 109 96.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.589 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 95 Resp: 185536
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 158.0
 176 72.6 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

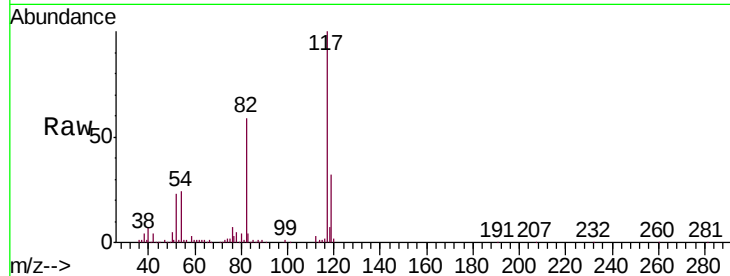
Tgt Ion:117 Resp: 381617

Ion Ratio Lower Upper

117 100

82 59.0 46.5 69.7

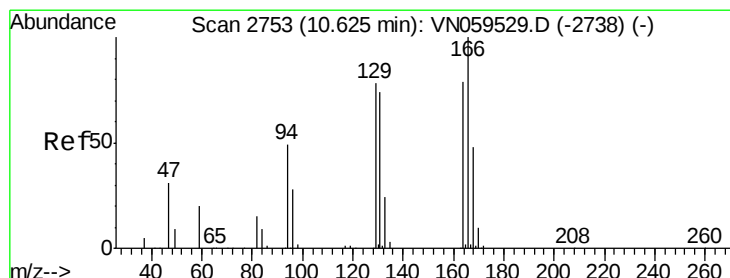
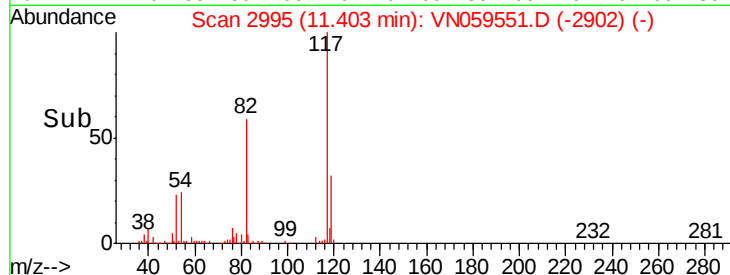
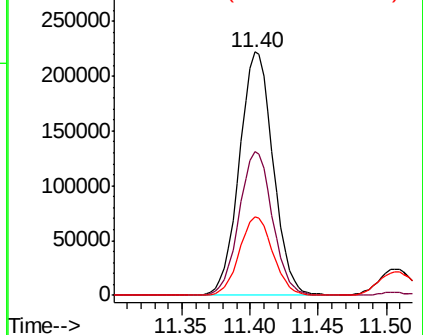
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.758 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Tgt Ion:164 Resp: 52316

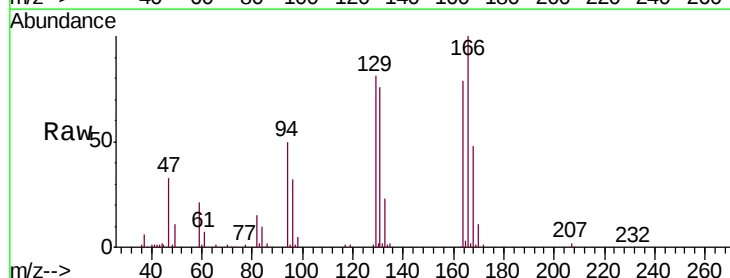
Ion Ratio Lower Upper

164 100

166 126.3 101.6 152.4

129 102.1 79.0 118.6

131 95.5 74.7 112.1

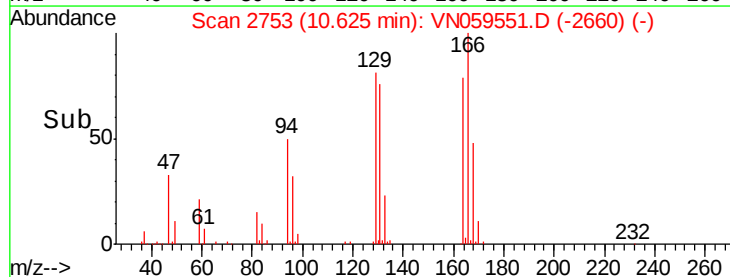
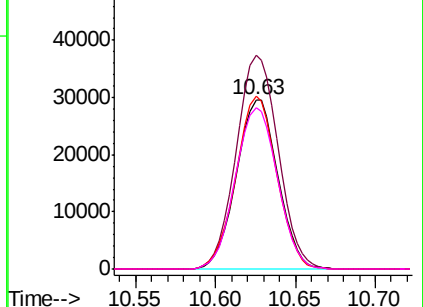


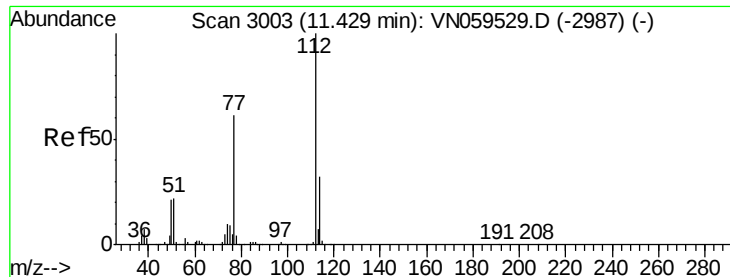
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.815 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

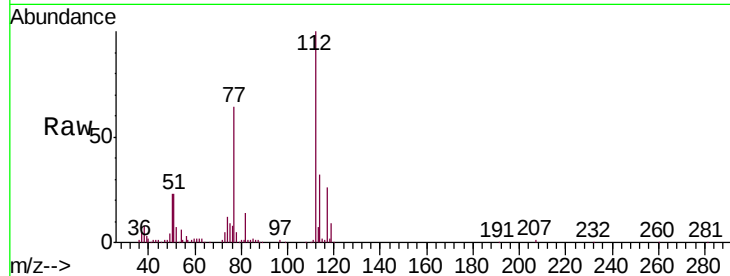
VN1210WBSD01

Tgt Ion:112 Resp: 158441

Ion Ratio Lower Upper

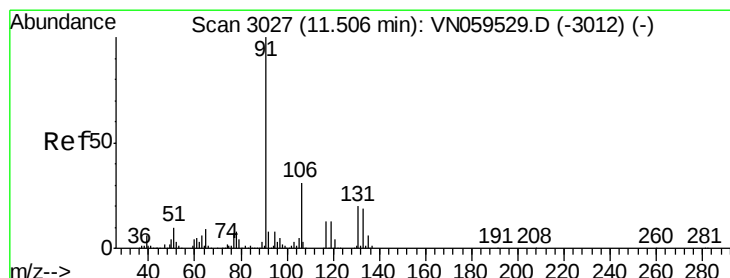
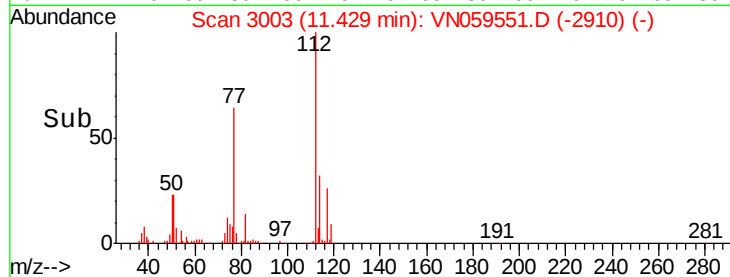
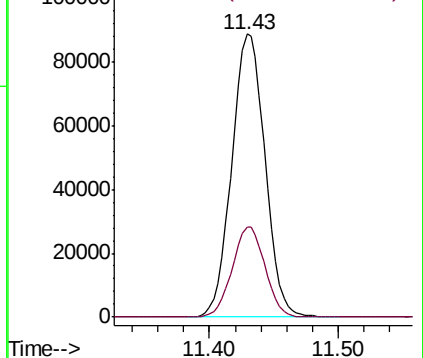
112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.159 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

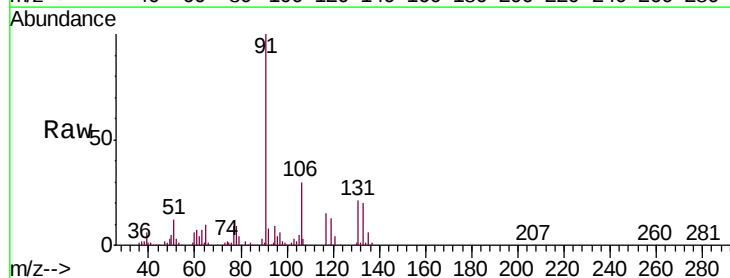
Tgt Ion:131 Resp: 60121

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

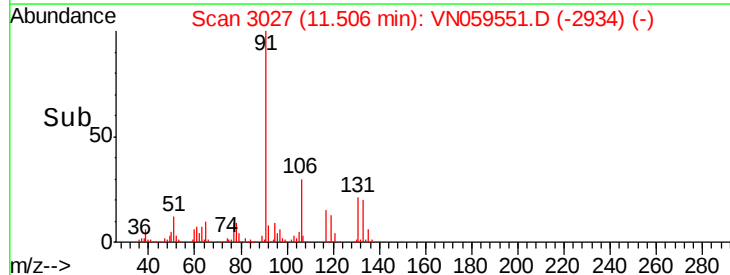
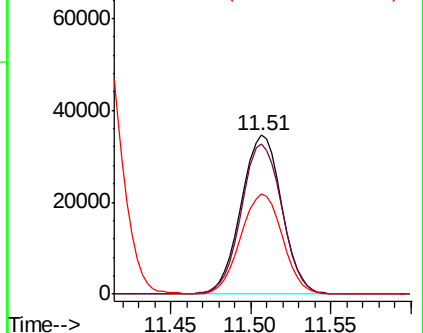
119 64.5 33.4 100.2

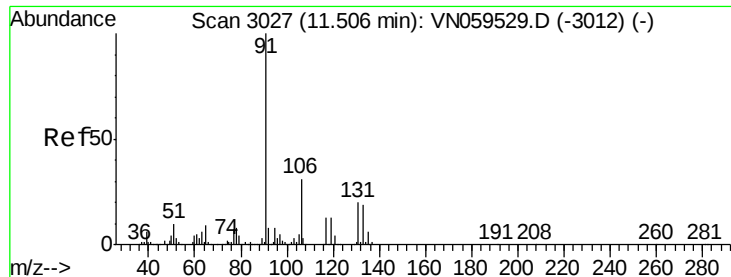


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

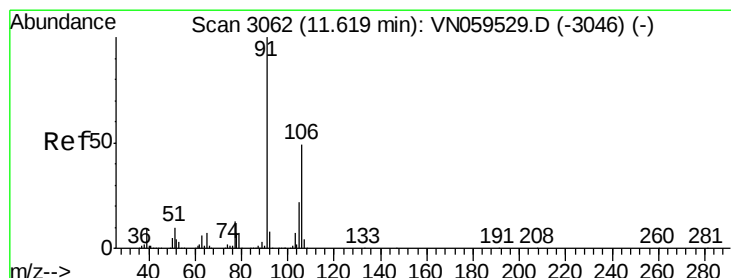
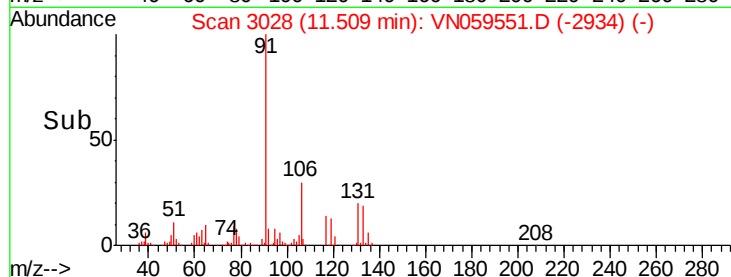
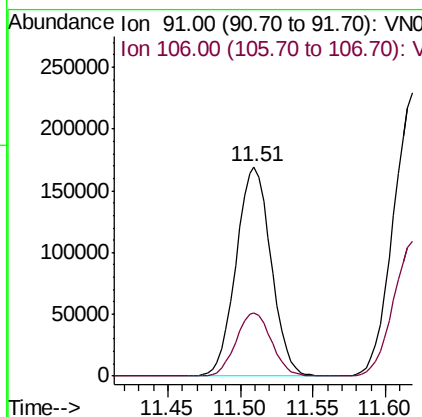
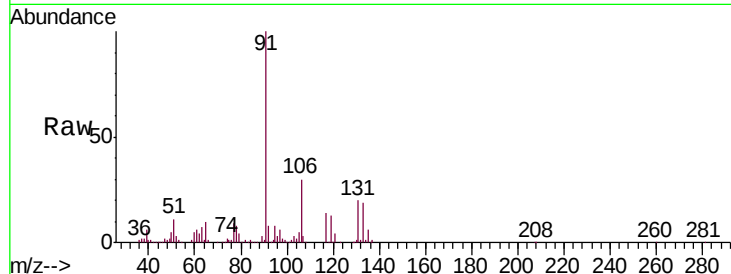




#67
Ethyl Benzene
Concen: 19.683 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

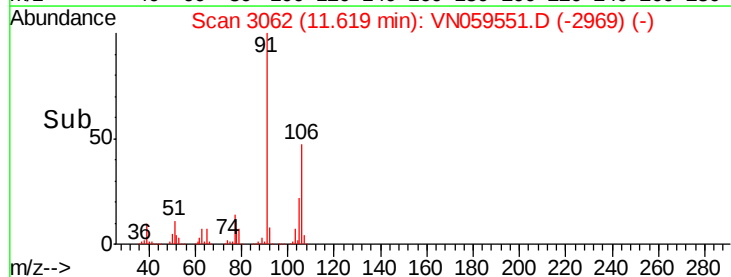
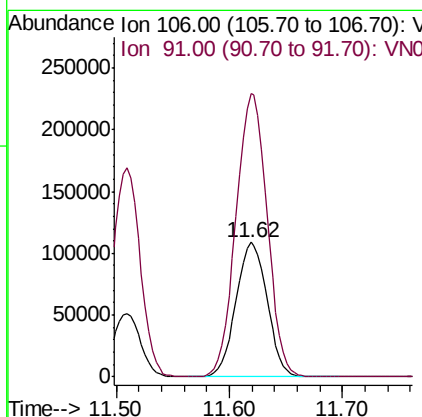
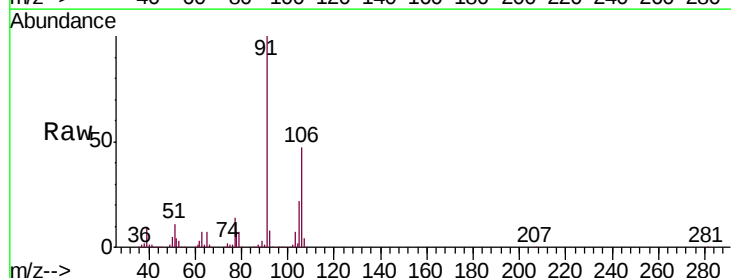
Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD01

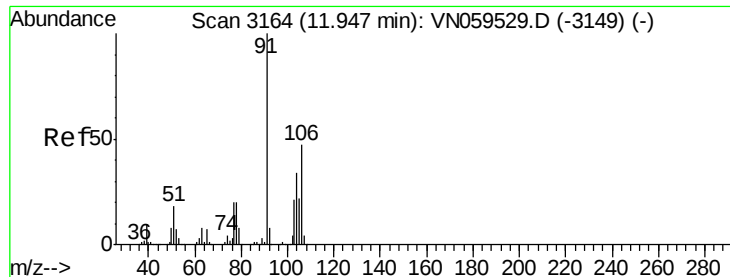
Tgt Ion: 91 Resp: 283212
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 38.792 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 106 Resp: 209390
Ion Ratio Lower Upper
106 100
91 210.9 162.9 244.3





#69

o-Xylene

Concen: 19.910 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampled :

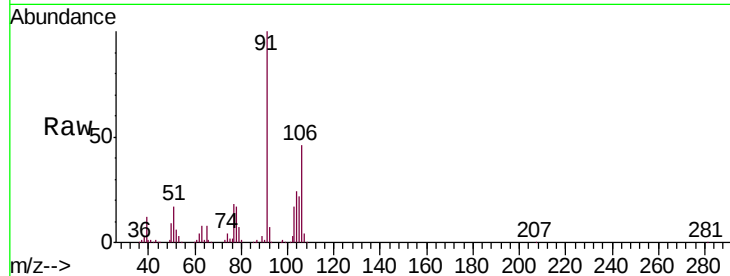
VN1210WBSD01

Tgt Ion:106 Resp: 100030

Ion Ratio Lower Upper

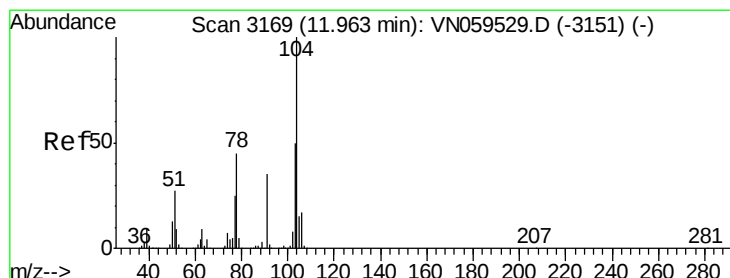
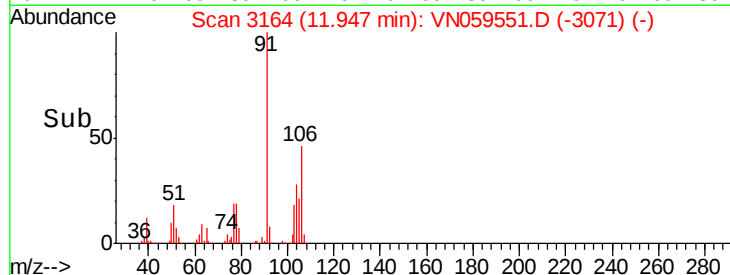
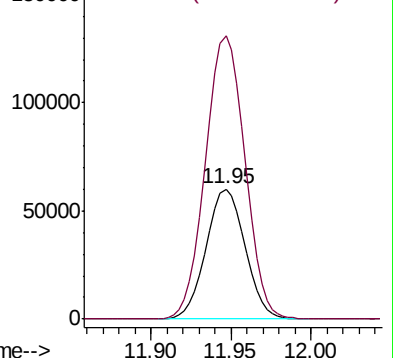
106 100

91 220.5 106.7 319.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 19.092 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

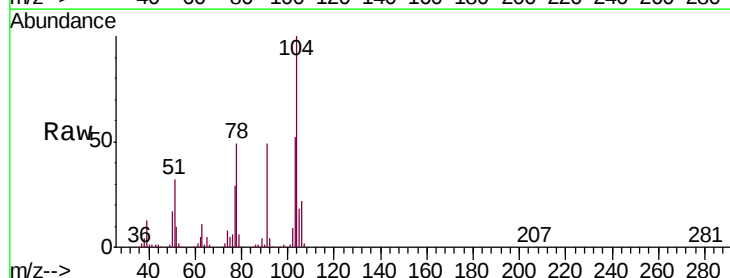
Tgt Ion:104 Resp: 158910

Ion Ratio Lower Upper

104 100

78 53.3 40.6 60.8

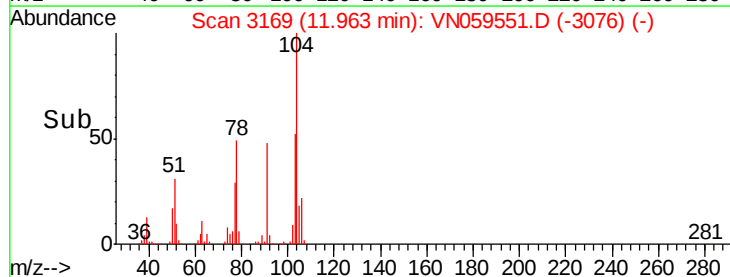
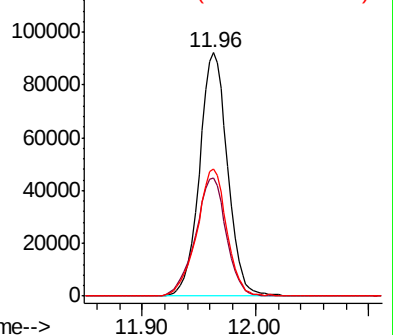
103 55.6 43.9 65.9

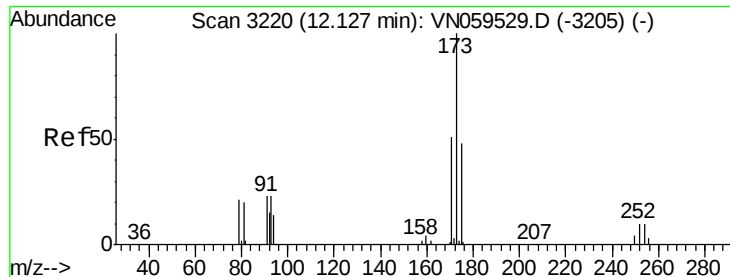


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

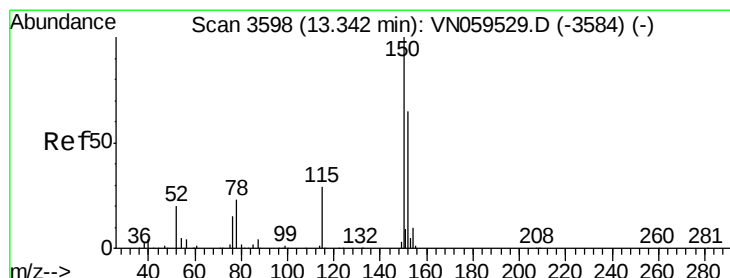
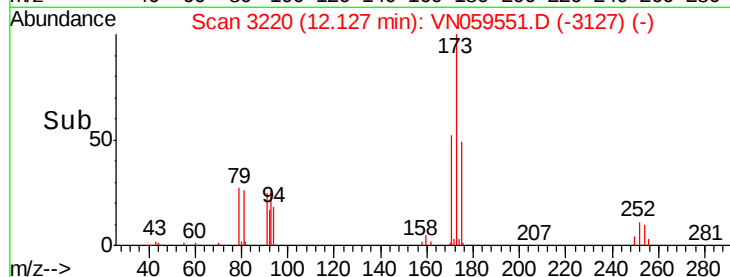
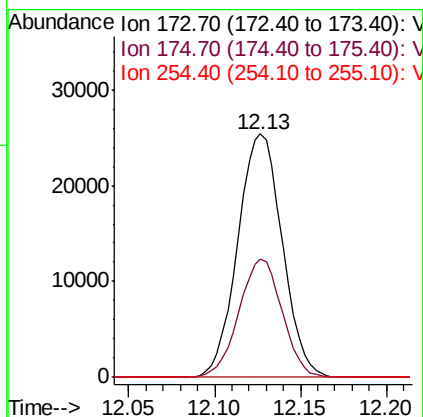
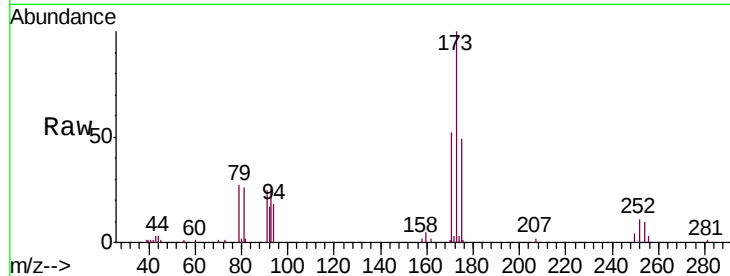




#71
Bromoform
Concen: 19.486 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

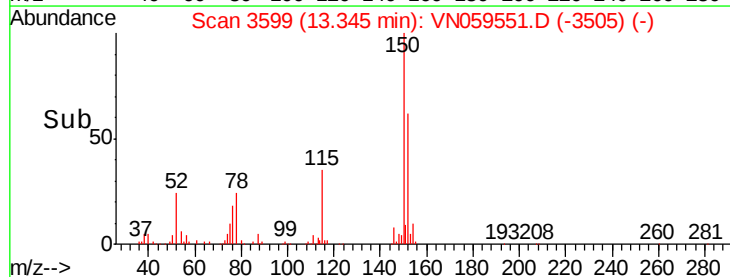
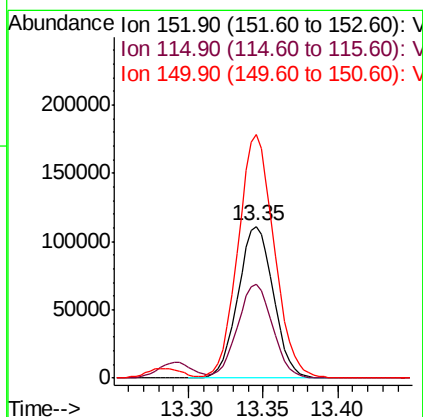
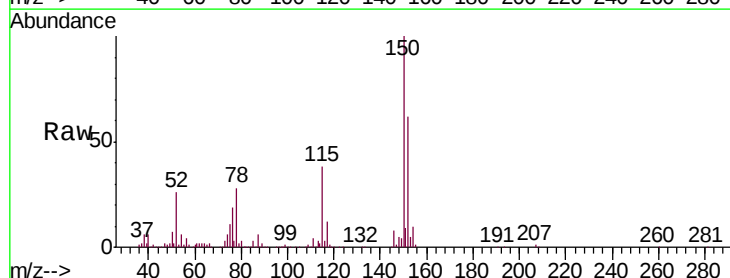
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

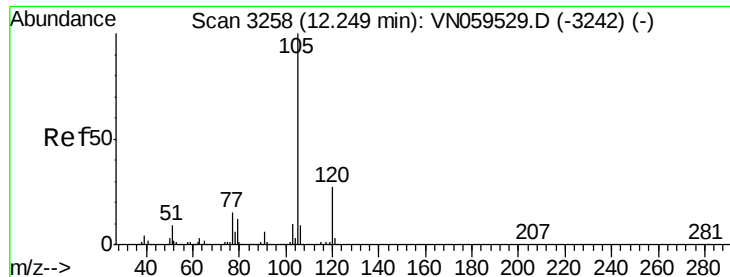
Tgt Ion:173 Resp: 45724
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion:152 Resp: 182547
Ion Ratio Lower Upper
152 100
115 61.7 29.4 88.2
150 164.7 0.0 342.4





#73

Isopropylbenzene

Concen: 19.830 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

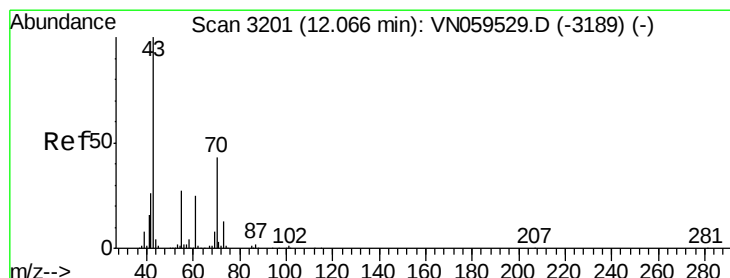
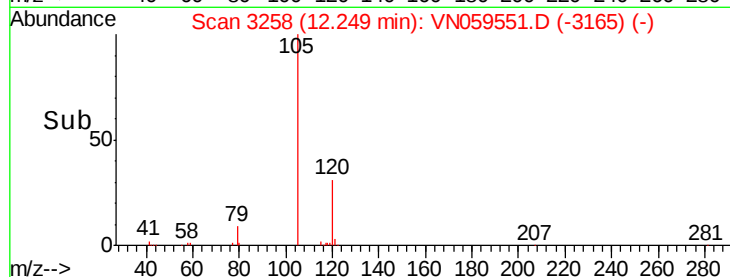
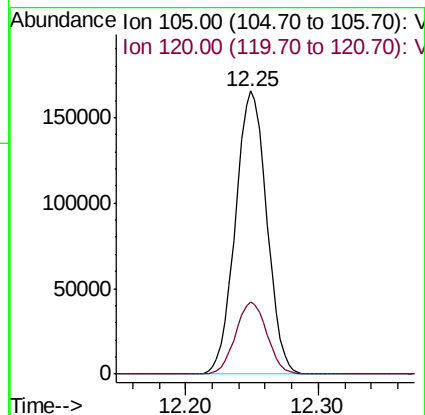
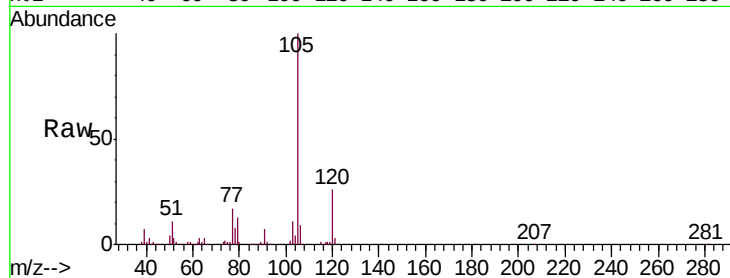
VN1210WBSD01

Tgt Ion: 105 Resp: 271536

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 20.174 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Tgt Ion: 43 Resp: 120332

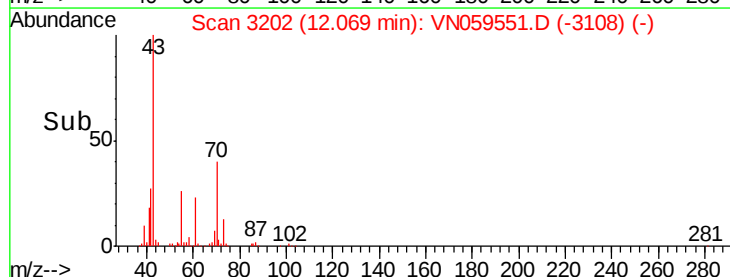
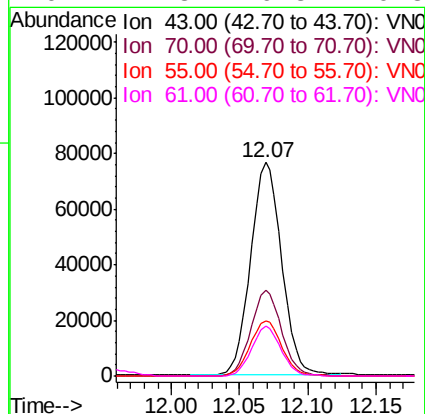
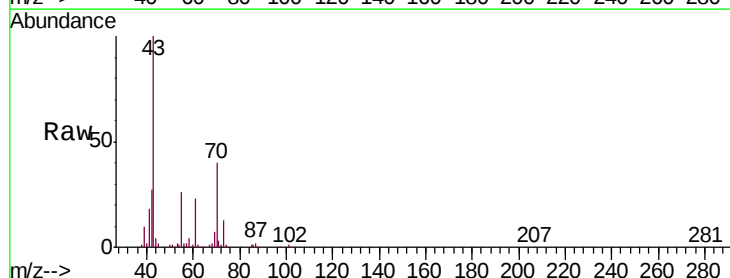
Ion Ratio Lower Upper

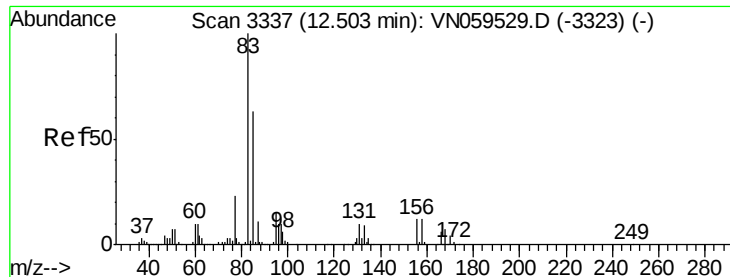
43 100

70 39.9 34.2 51.4

55 26.5 21.3 31.9

61 22.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.866 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

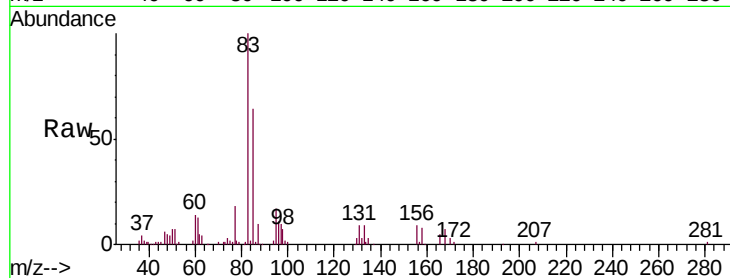
Tgt Ion: 83 Resp: 92174

Ion Ratio Lower Upper

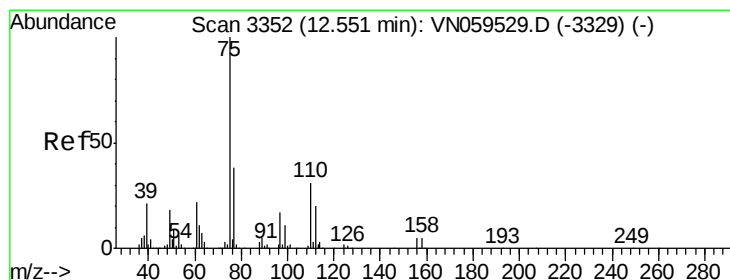
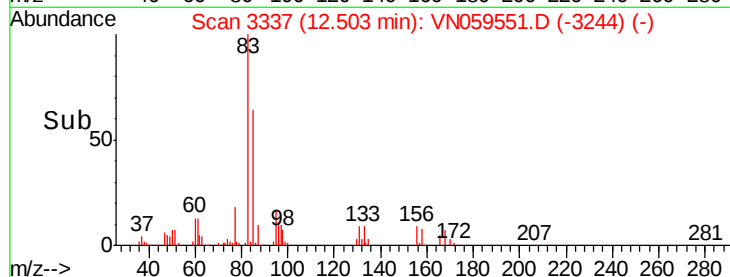
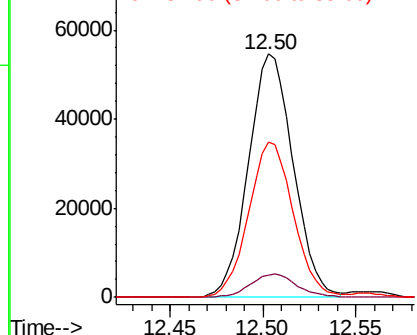
83 100

131 9.9 5.0 14.9

85 63.7 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.929 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059551.D

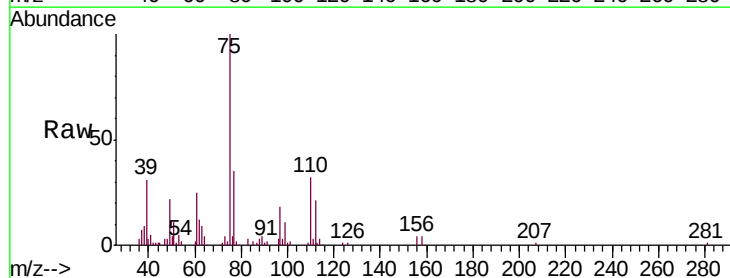
Acq: 10 Dec 2019 16:38

Tgt Ion: 75 Resp: 125712

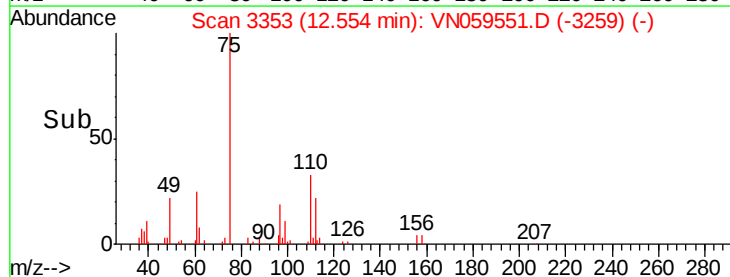
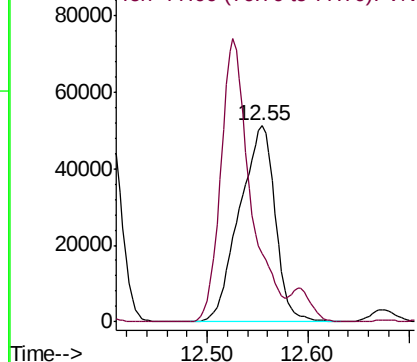
Ion Ratio Lower Upper

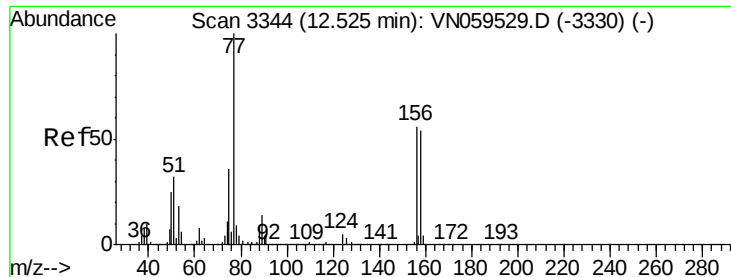
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.971 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

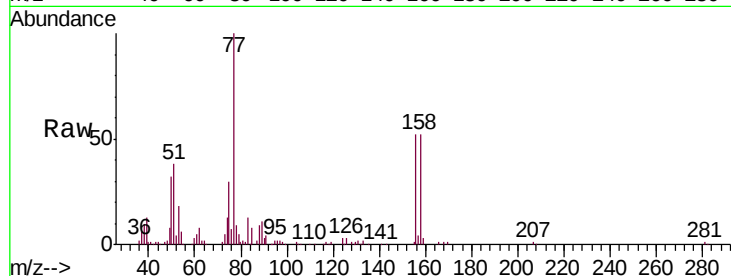
Tgt Ion:156 Resp: 64672

Ion Ratio Lower Upper

156 100

77 234.7 109.3 327.8

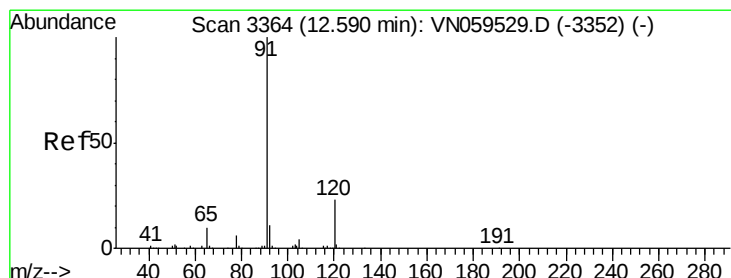
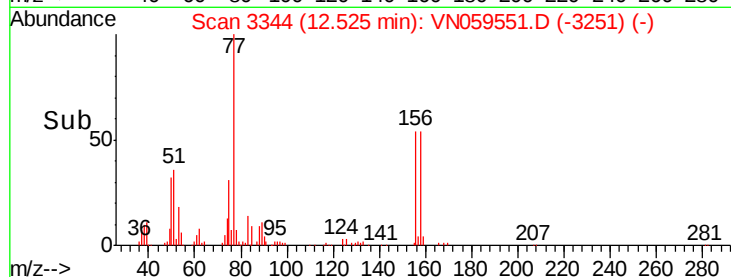
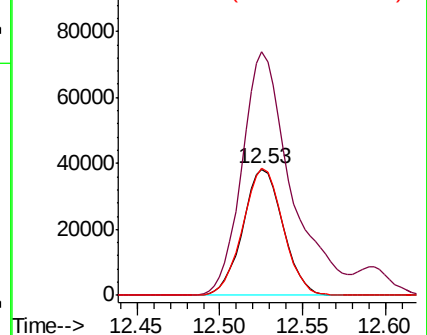
158 100.1 48.6 145.8



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: 19.389 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059551.D

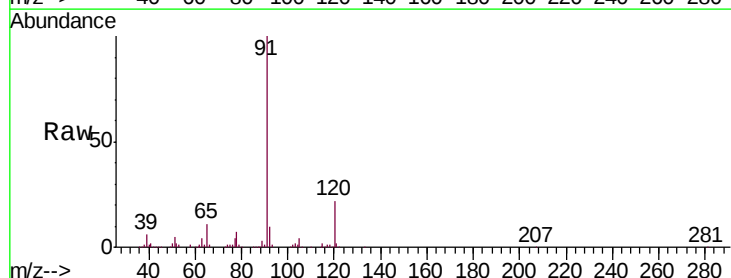
Acq: 10 Dec 2019 16:38

Tgt Ion: 91 Resp: 326239

Ion Ratio Lower Upper

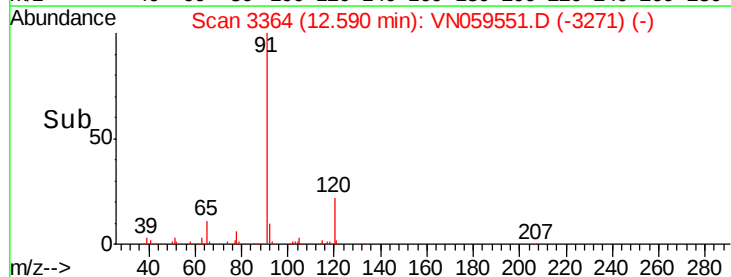
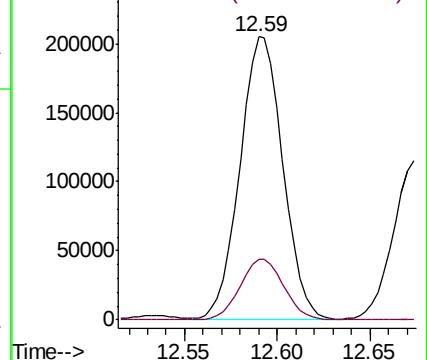
91 100

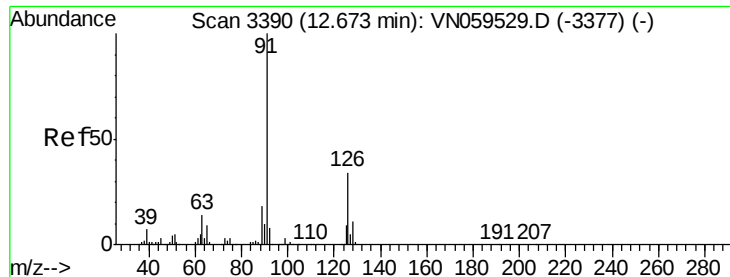
120 21.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

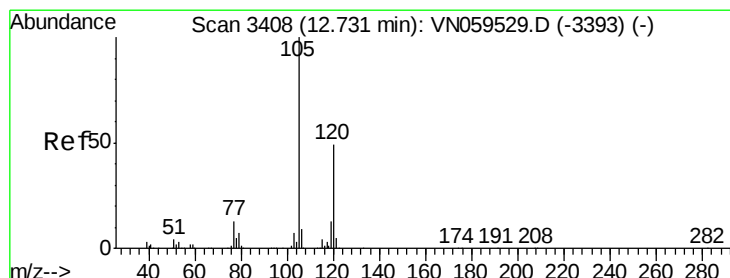
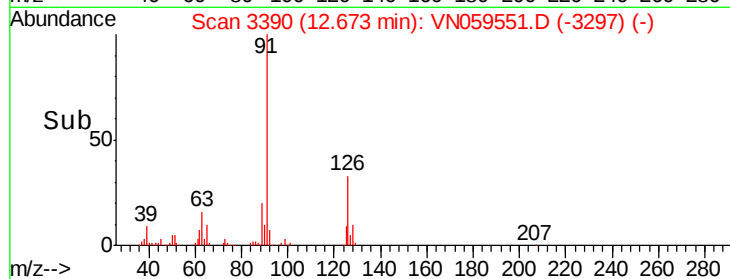
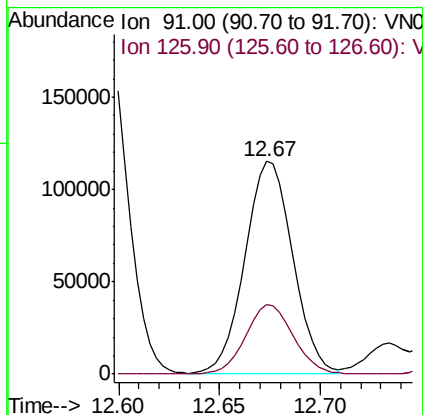
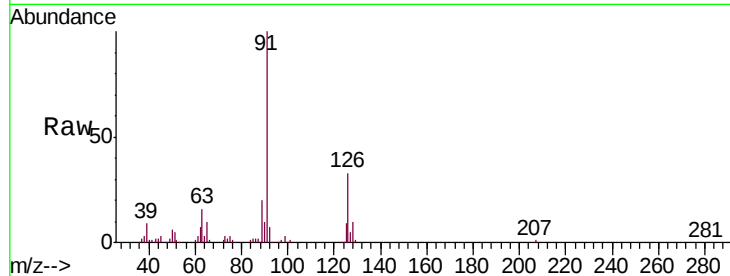




#79
 2-Chlorotoluene
 Concen: 18.999 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

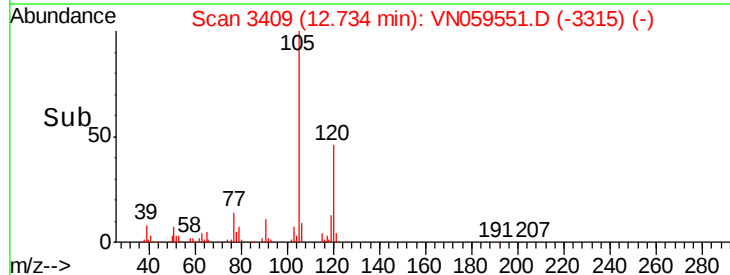
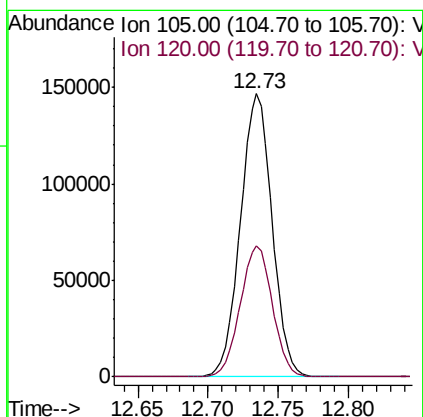
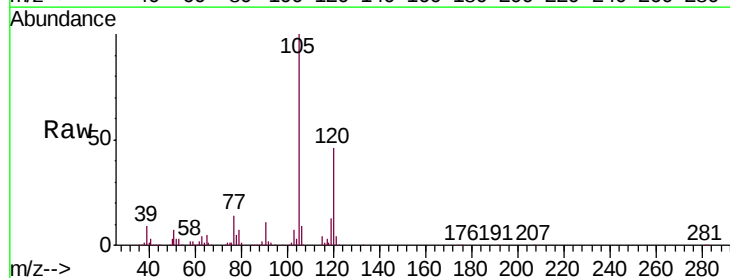
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

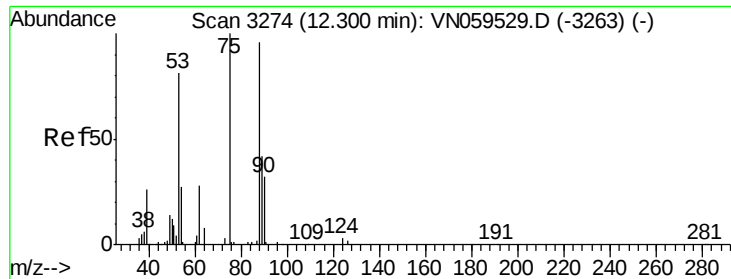
Tgt Ion: 91 Resp: 190627
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.669 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion: 105 Resp: 230954
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.323 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Instrument :

MSVOA_N

ClientSampled :

VN1210WBSD01

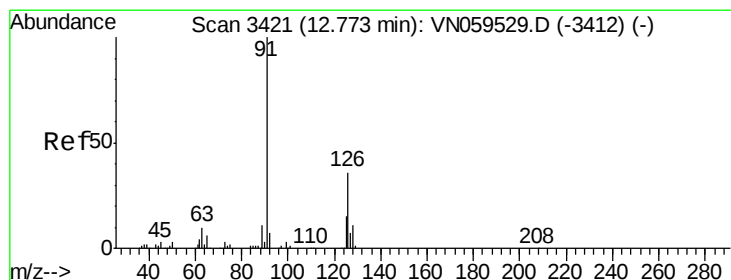
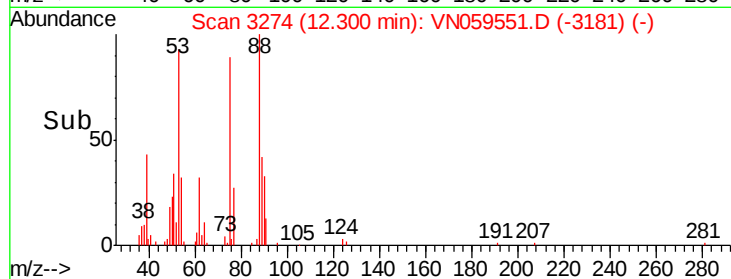
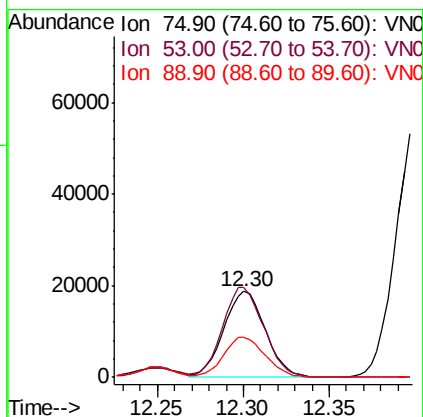
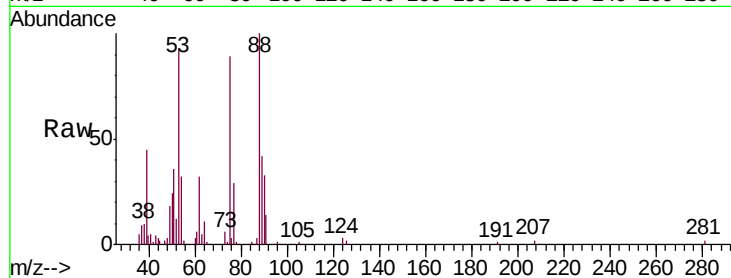
Tgt Ion: 75 Resp: 31792

Ion Ratio Lower Upper

75 100

53 103.7 67.0 100.6#

89 46.4 35.5 53.3



#82

4-Chlorotoluene

Concen: 19.525 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059551.D

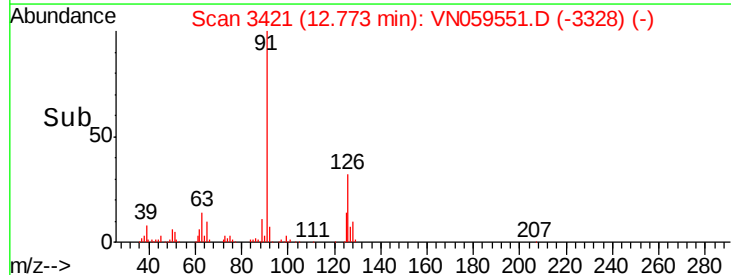
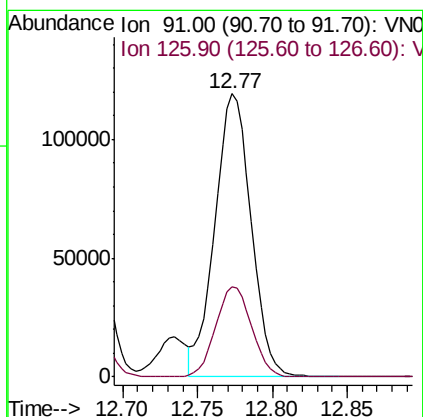
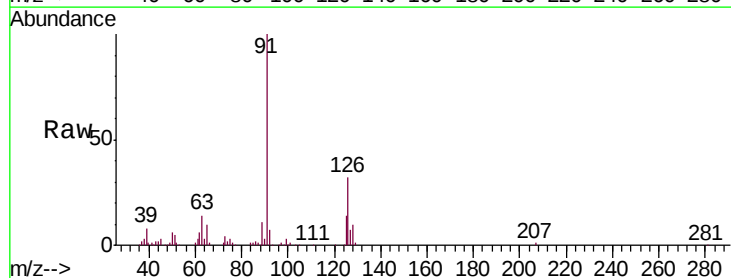
Acq: 10 Dec 2019 16:38

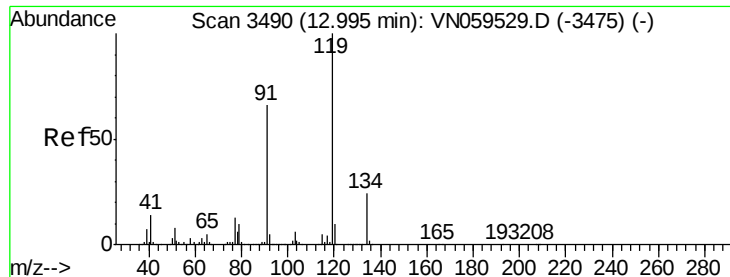
Tgt Ion: 91 Resp: 200316

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.4

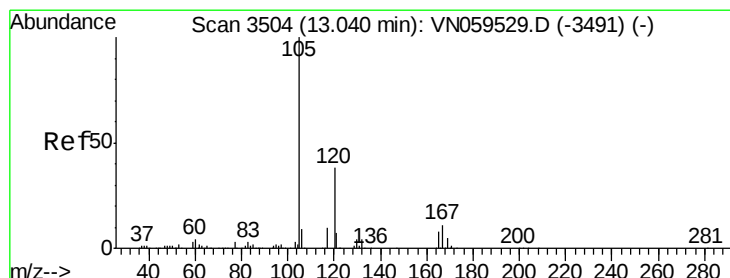
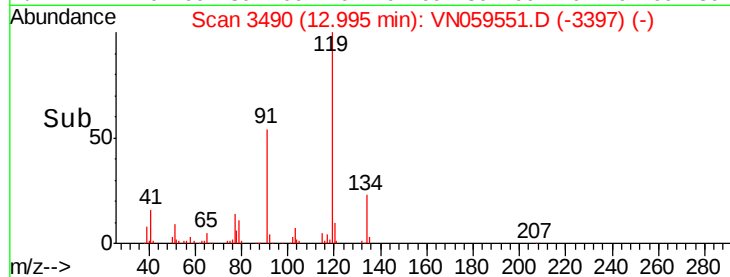
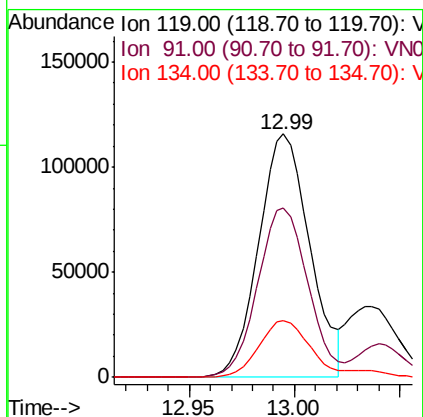
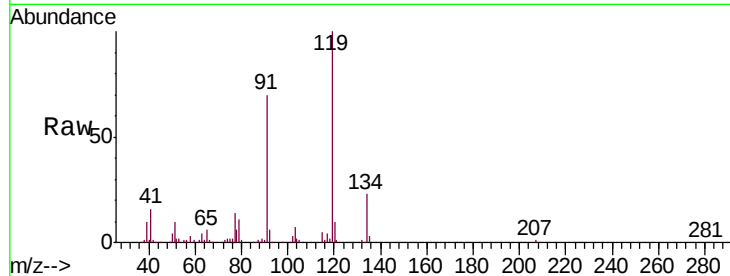




#83
 tert-Butylbenzene
 Concen: 20.003 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

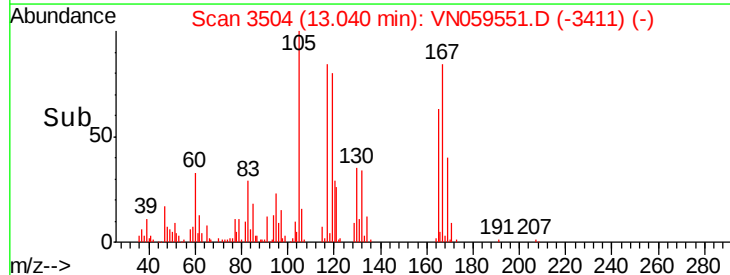
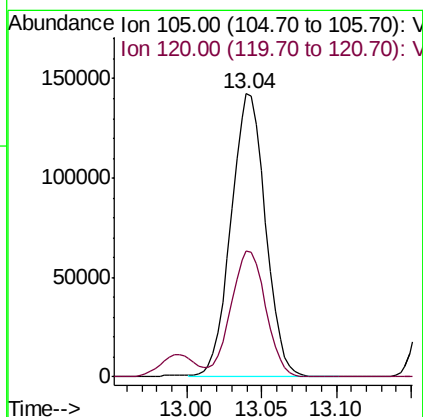
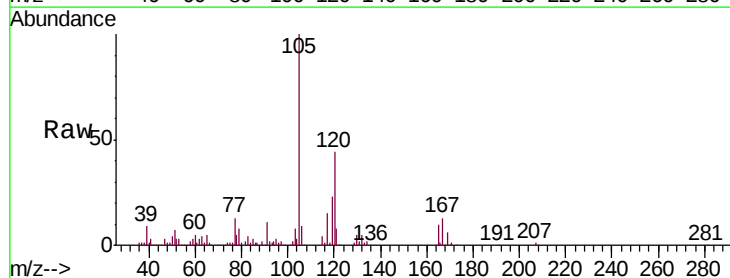
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

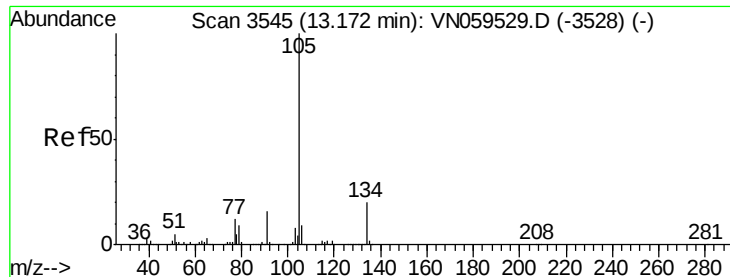
Tgt Ion:119 Resp: 195869
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.8 98.4
 134 23.5 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.727 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion:105 Resp: 228723
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3

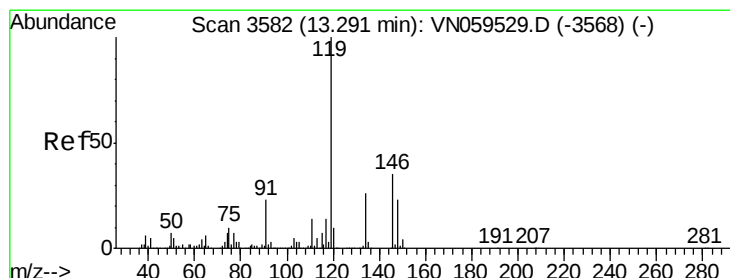
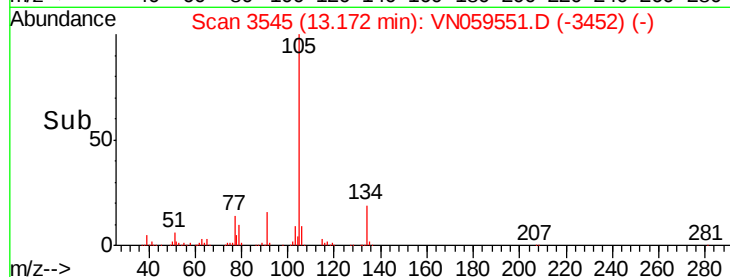
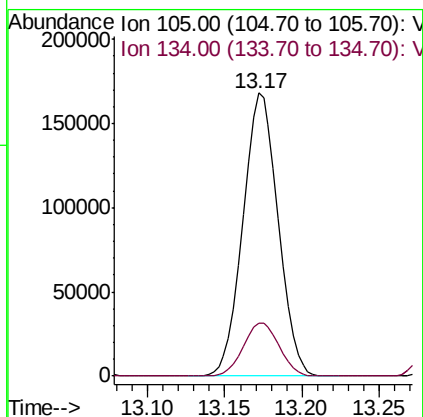
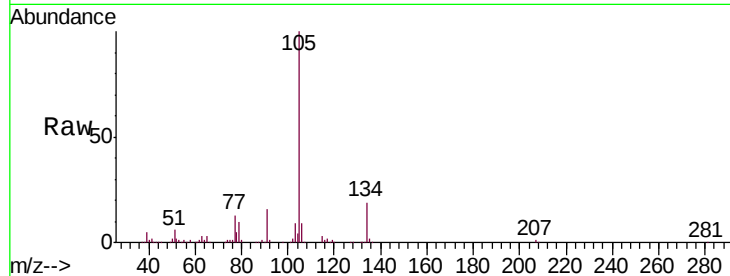




#85
 sec-Butylbenzene
 Concen: 19.757 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

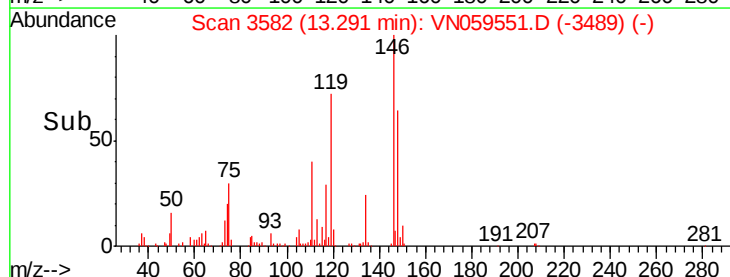
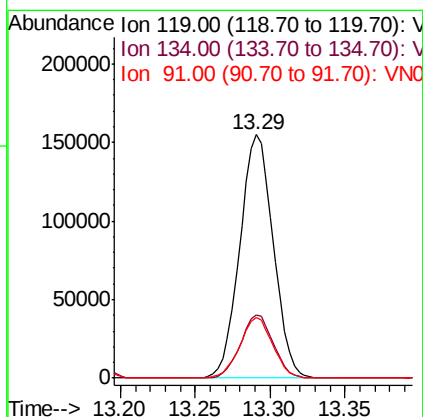
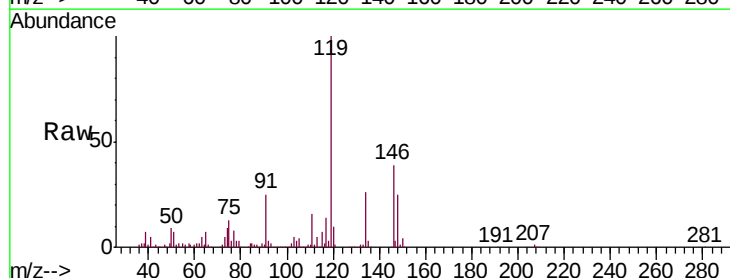
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tgt Ion:105 Resp: 265718
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.039 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion:119 Resp: 240883
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.5 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 19.069 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

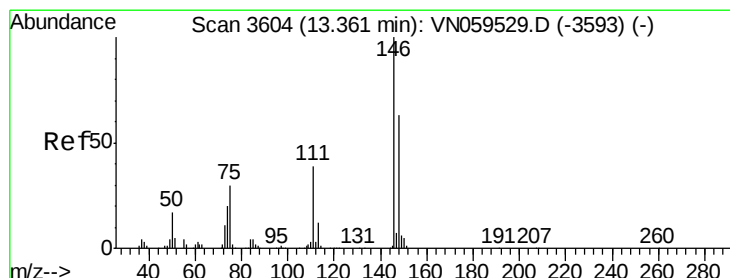
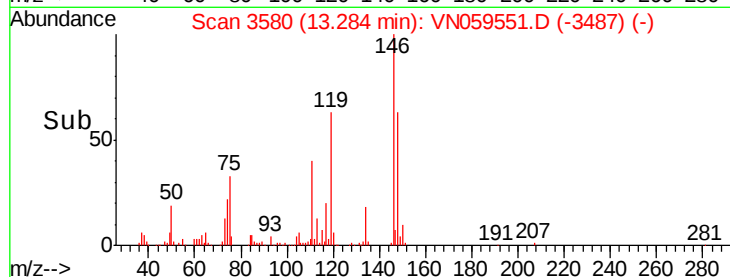
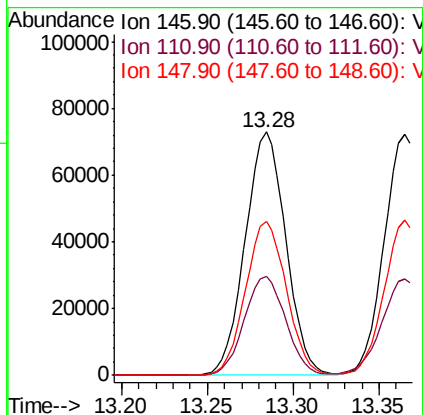
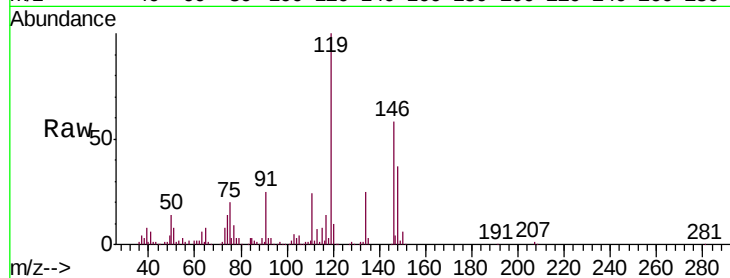
Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion:	146	Resp:	119735
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.5	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 19.318 ug/l

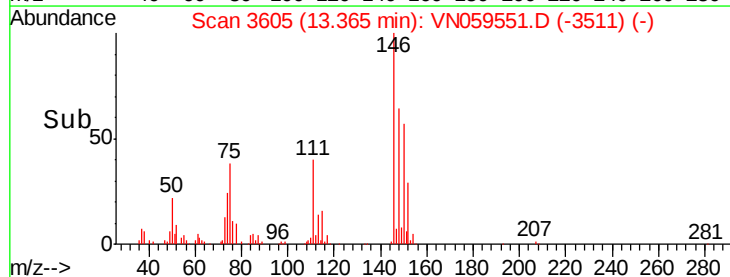
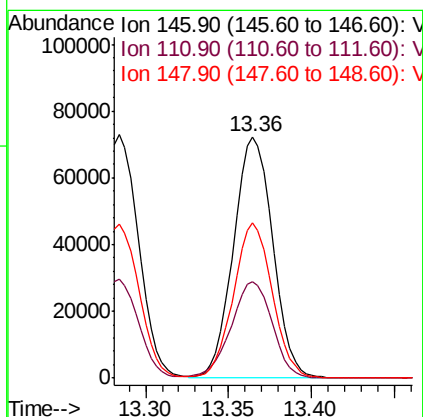
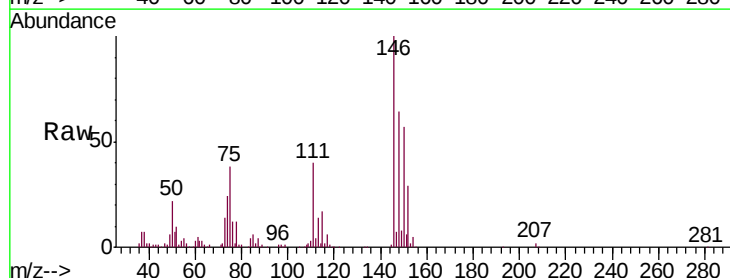
RT: 13.36 min Scan# 3605

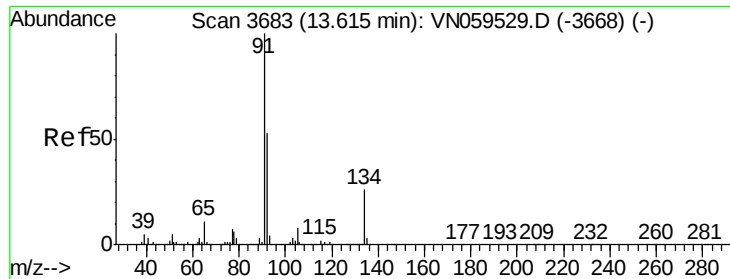
Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Tgt Ion:	146	Resp:	118770
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	64.0	31.9	95.7

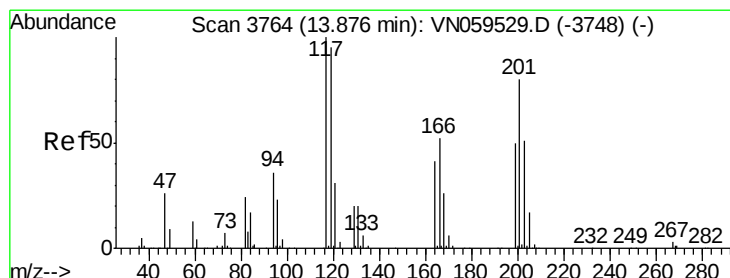
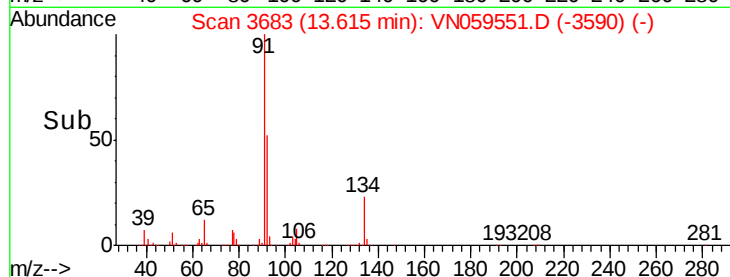
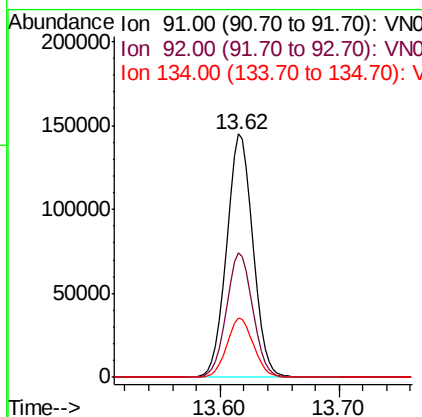
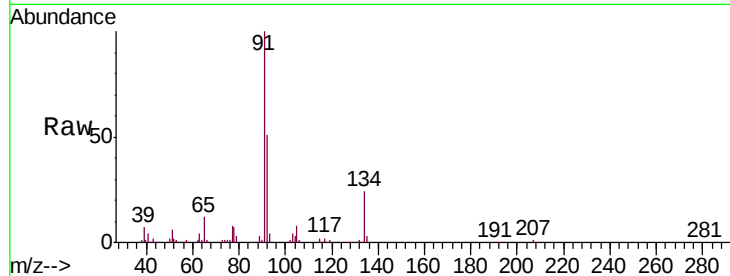




#89
n-Butylbenzene
Concen: 19.693 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

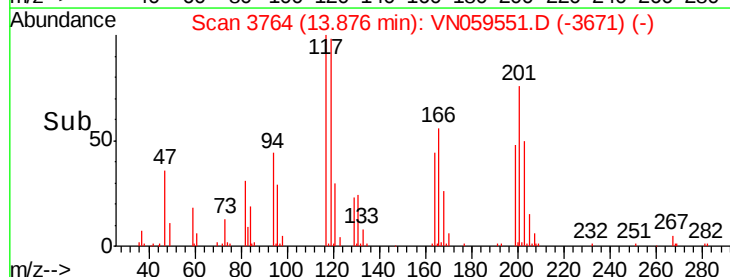
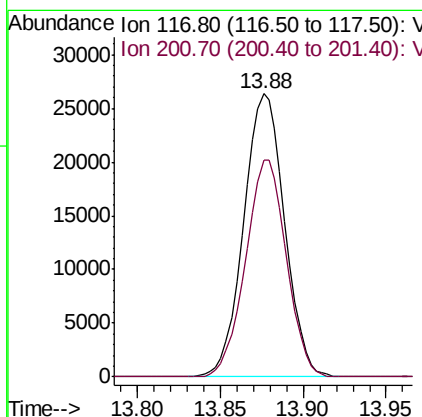
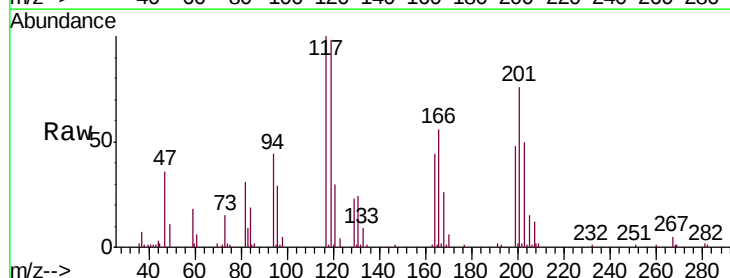
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

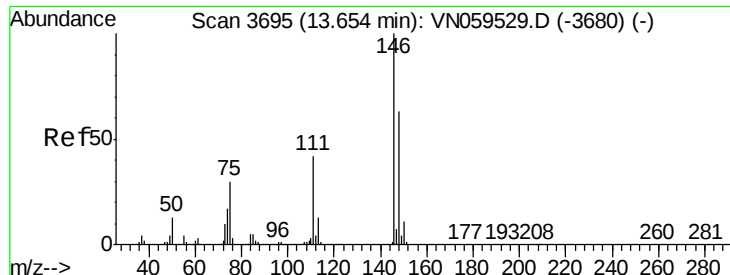
Tgt Ion: 91 Resp: 222274
Ion Ratio Lower Upper
91 100
92 51.2 26.3 78.9
134 24.5 12.8 38.4



#90
Hexachloroethane
Concen: 20.483 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059551.D
Acq: 10 Dec 2019 16:38

Tgt Ion: 117 Resp: 45218
Ion Ratio Lower Upper
117 100
201 76.3 40.5 121.5

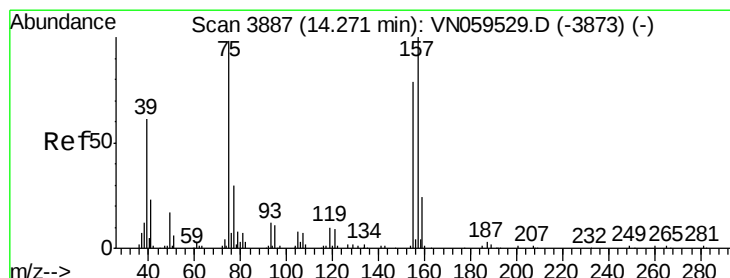
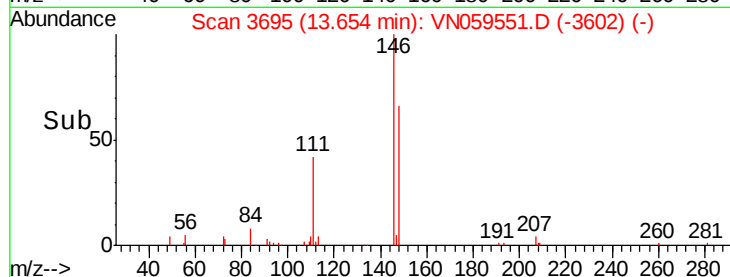
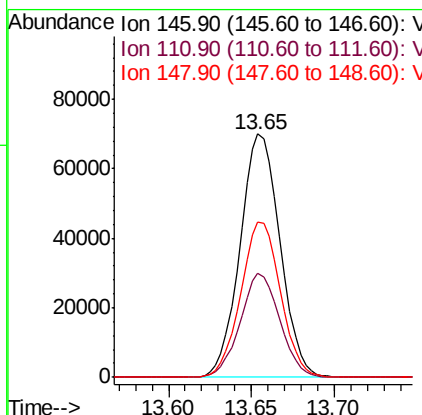
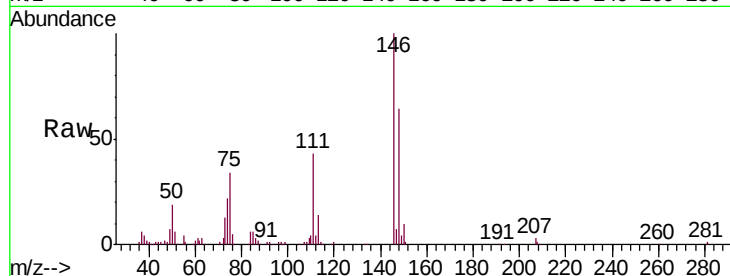




#91
 1,2-Dichlorobenzene
 Concen: 19.892 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

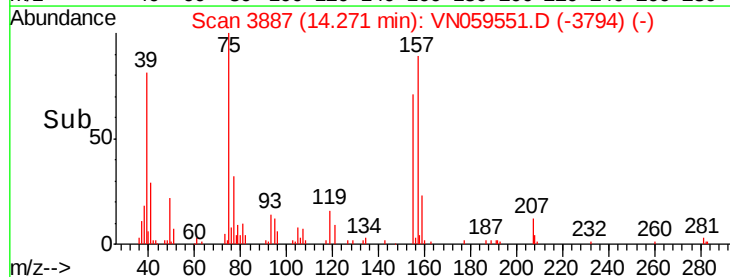
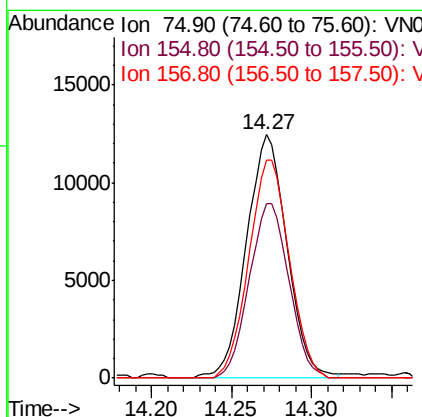
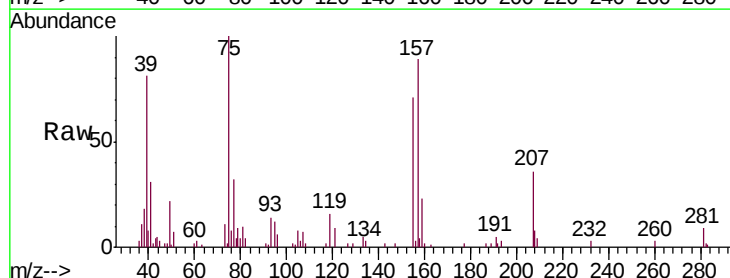
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

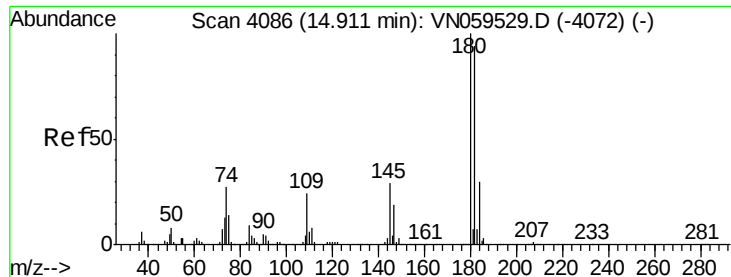
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	63.7	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.559 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.1	40.4	121.1
157	89.0	51.1	153.3

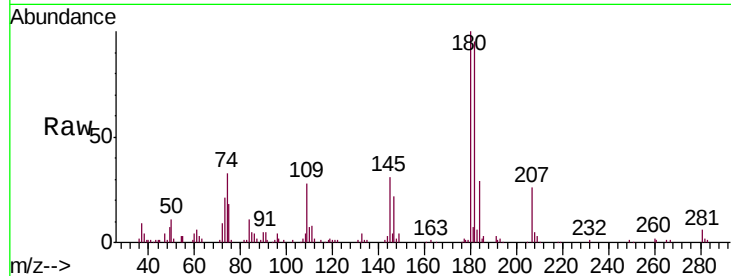




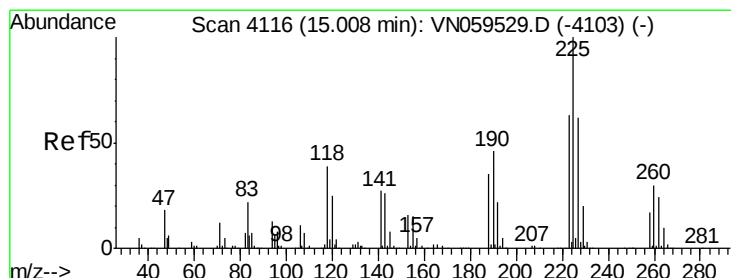
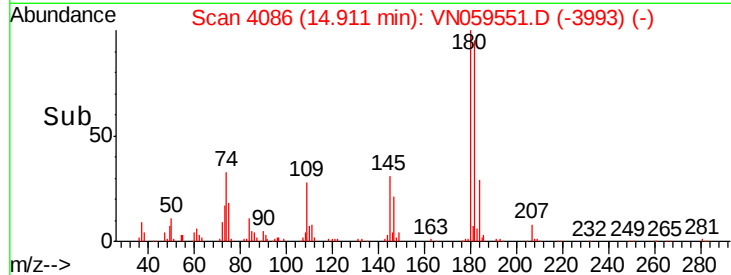
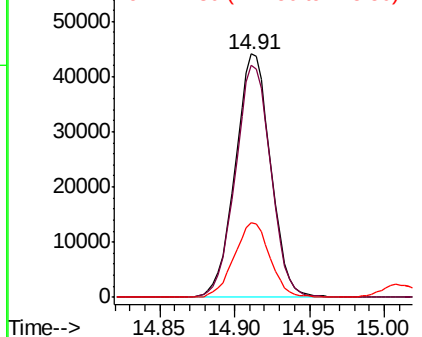
#93
 1,2,4-Trichlorobenzene
 Concen: 17.759 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tgt Ion:180 Resp: 72377
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 31.0 14.9 44.7

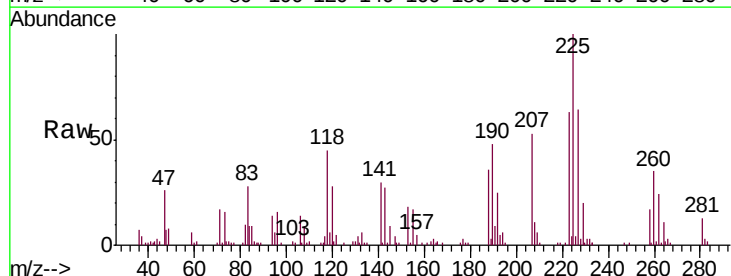


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

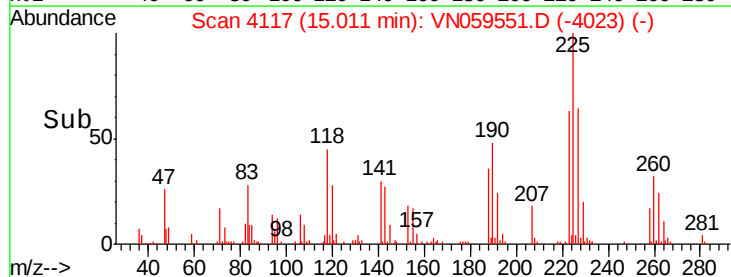
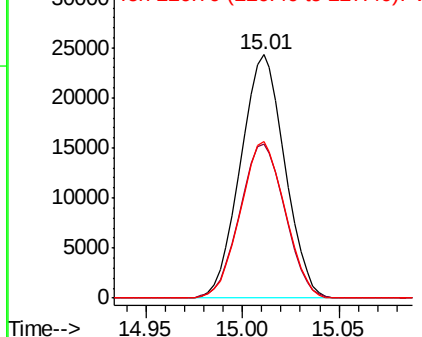


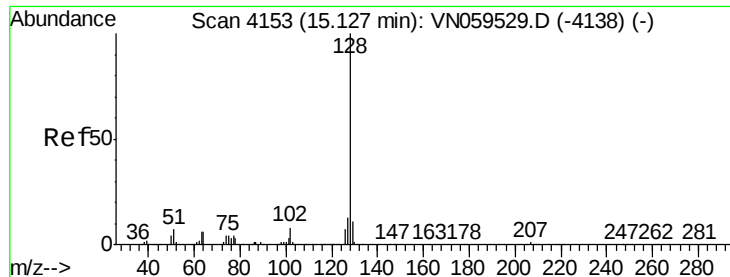
#94
 Hexachlorobutadiene
 Concen: 18.588 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059551.D
 Acq: 10 Dec 2019 16:38

Tgt Ion:225 Resp: 38701
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.3 93.9
 227 64.7 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.339 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

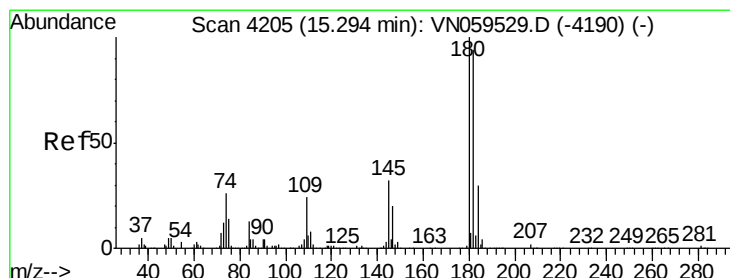
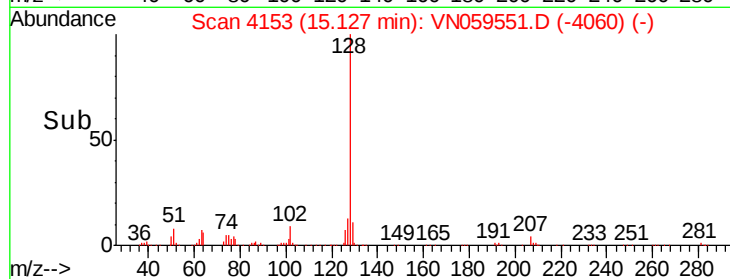
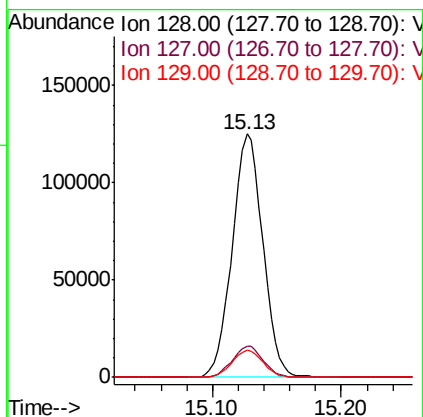
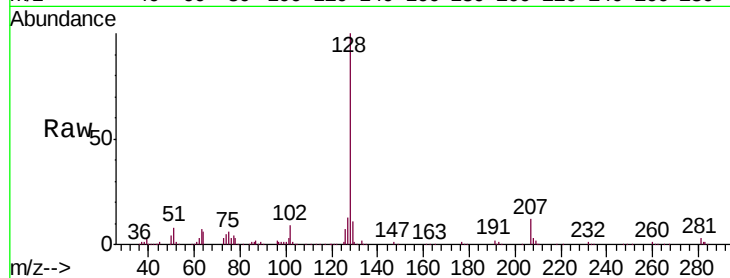
Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion:	128	Resp:	206567
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.190 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059551.D

Acq: 10 Dec 2019 16:38

Tgt Ion:	180	Resp:	69985
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.4
145	33.0	15.8	47.4

