

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064035.D
 Acq On : 9 Oct 2020 14:03
 Operator : JC/MD
 Sample : VN1009WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Quant Time: Oct 10 01:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	47152	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	240728	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	225255	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	121482	28.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.63%
60) 4-Bromofluorobenzene	12.38	95	111855	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.06	98	309835	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	58428	18.308	ug/l 99
3) Chloromethane	2.04	50	60795	18.408	ug/l 99
4) Vinyl Chloride	2.16	62	60256	18.340	ug/l 99
5) Bromomethane	2.54	94	35160	16.627	ug/l 99
6) Chloroethane	2.68	64	35584	17.265	ug/l 97
7) Trichlorofluoromethane	2.99	101	92018	17.742	ug/l 97
8) Diethyl Ether	3.38	74	30145	17.951	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48153	17.868	ug/l 94
10) 1,1-Dichloroethene	3.70	96	45297	17.902	ug/l 84
11) Methyl Iodide	3.91	142	55735	17.264	ug/l 93
12) Methyl Acetate	4.28	43	56763	18.228	ug/l 96
13) Acrolein	3.57	56	20905	68.970	ug/l 97
14) Acrylonitrile	4.93	53	111585	87.154	ug/l 98
15) Acetone	3.78	58	35407	95.537	ug/l # 59
16) Carbon Disulfide	4.01	76	131736	17.556	ug/l 97
17) Allyl chloride	4.28	41	91517	19.433	ug/l 86
18) Methylene Chloride	4.50	84	54893	18.100	ug/l 89
19) trans-1,2-Dichloroethene	4.99	96	50494	17.668	ug/l 94
20) Diisopropyl ether	5.90	45	177247	18.723	ug/l # 93
21) 1,1-Dichloroethane	5.80	63	102858	17.947	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	57272	17.652	ug/l 90
23) tert-Butyl Alcohol	4.72	59	41113	74.861	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	151070	17.797	ug/l 96
25) Chloroform	7.33	83	104697	17.423	ug/l 96
26) Cyclohexane	7.61	56	73363	17.772	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	73565	17.451	ug/l 98
30) 2-Butanone	6.78	43	181743	87.898	ug/l 95
31) 2,2-Dichloropropane	6.78	77	89059	17.677	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	94473	17.566	ug/l 97
33) Carbon Tetrachloride	7.73	117	79423	16.856	ug/l 91
34) Benzene	8.00	78	217302	18.130	ug/l 97
35) Methacrylonitrile	7.12	41	31378	15.967	ug/l 93
36) 1,2-Dichloroethane	8.08	62	93045	17.668	ug/l 95
37) Trichloroethene	8.80	130	53476	17.028	ug/l 91
38) Methylcyclohexane	9.05	83	64040	17.992	ug/l 99
39) 1,2-Dichloropropane	9.08	63	60031	18.433	ug/l 99
40) Dibromomethane	9.17	93	39140	17.208	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	85262	18.035	ug/l	96
42) Vinyl Acetate	5.84	43	788814	91.922	ug/l	97
43) Ethyl Acetate	6.88	43	75243	16.993	ug/l #	82
44) Isopropyl Acetate	8.13	43	126857	17.287	ug/l #	90
45) 1,4-Dioxane	9.16	88	13829	293.936	ug/l #	86
46) Methyl methacrylate	9.17	41	62954	17.243	ug/l	88
47) n-amyl Acetate	12.05	43	104214	15.973	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	88803	17.383	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	96220	18.163	ug/l #	87
50) 1,1,2-Trichloroethane	10.53	97	53997	17.778	ug/l	95
51) Ethyl methacrylate	10.40	69	74825	16.984	ug/l	79
52) 1,3-Dichloropropane	10.68	76	94704	18.203	ug/l	99
53) Dibromochloromethane	10.87	129	60336	17.260	ug/l	98
54) 1,2-Dibromoethane	10.98	107	55135	17.314	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	195537	83.175	ug/l	100
56) Bromoform	12.10	173	38763	16.003	ug/l	95
58) 4-Methyl-2-Pentanone	9.95	43	388101	88.777	ug/l	93
59) 2-Hexanone	10.72	43	275924	84.738	ug/l	93
61) Tetrachloroethene	10.60	164	51160	17.903	ug/l	92
62) Toluene	10.13	91	235026	18.167	ug/l	99
64) Chlorobenzene	11.41	112	139927	17.845	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	55798	18.195	ug/l	96
66) Ethyl Benzene	11.48	91	248705	17.506	ug/l	98
67) m/p-Xylenes	11.59	106	186830	35.364	ug/l	96
68) o-Xylene	11.92	106	87304	17.345	ug/l	93
69) Styrene	11.94	104	149828	17.445	ug/l	95
70) Isopropylbenzene	12.23	105	232215	17.362	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	75965	17.968	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	102690	23.821	ug/l	56
73) Bromobenzene	12.50	156	58567	17.277	ug/l	89
74) n-propylbenzene	12.57	91	268947	17.202	ug/l	99
75) 2-Chlorotoluene	12.65	91	167860	17.601	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	197013	17.468	ug/l	97
77) t-1,4-Dichloro-2-butene	12.28	75	23920	15.600	ug/l	83
78) 4-Chlorotoluene	12.75	91	174346	17.264	ug/l	99
79) tert-butylbenzene	12.97	119	157089	17.385	ug/l	97
80) 1,2,4-Trimethylbenzene	13.02	105	192106	16.991	ug/l	100
81) sec-Butylbenzene	13.15	105	207211	17.447	ug/l	96
82) p-Isopropyltoluene	13.26	119	181285	16.888	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	100519	16.673	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	97982	16.361	ug/l	96
85) n-Butylbenzene	13.59	91	151971	16.182	ug/l	99
86) Hexachloroethane	13.85	117	31948	17.269	ug/l	81
87) 1,2-Dichlorobenzene	13.63	146	99457	16.812	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	15834	15.674	ug/l	87
89) 1,2,4-Trichlorobenzene	14.88	180	42013	13.971	ug/l	96
90) Hexachlorobutadiene	14.98	225	27726	17.408	ug/l	99
91) Naphthalene	15.10	128	121126	13.167	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	41213	14.071	ug/l	95

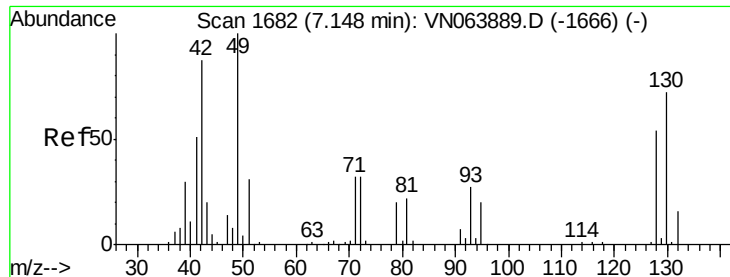
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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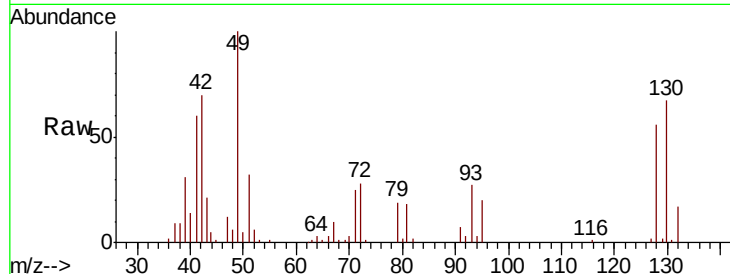
(#) = qualifier out of range (m) = manual integration (+) = signals summed



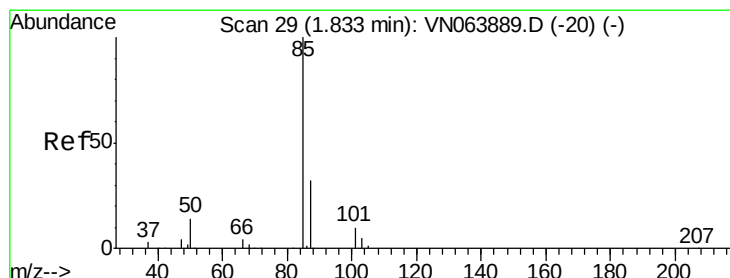
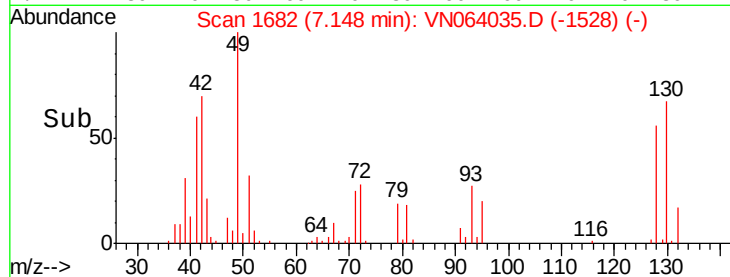
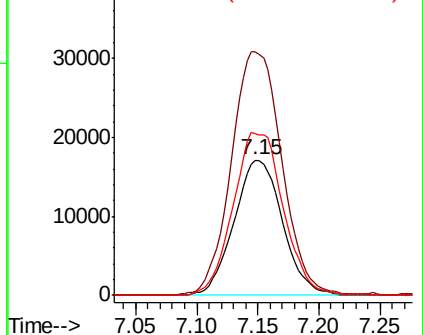
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion:128 Resp: 47152
 Ion Ratio Lower Upper
 128 100
 49 187.9 0.0 437.5
 130 68.5 0.0 327.3

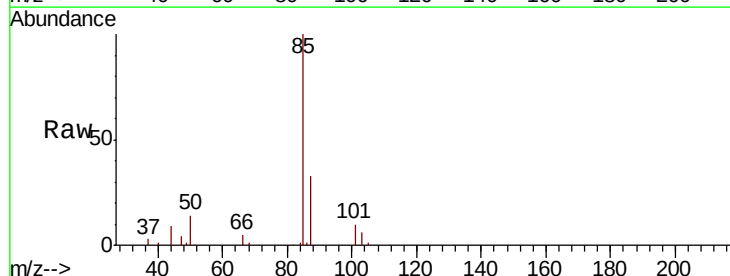


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

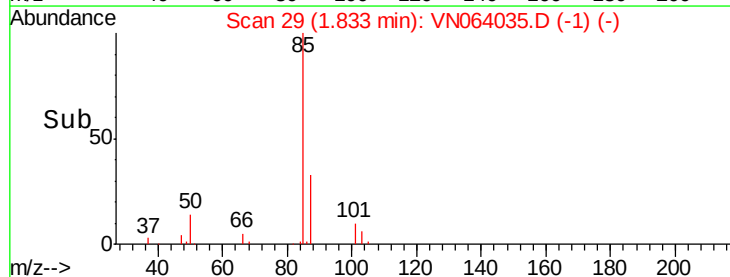
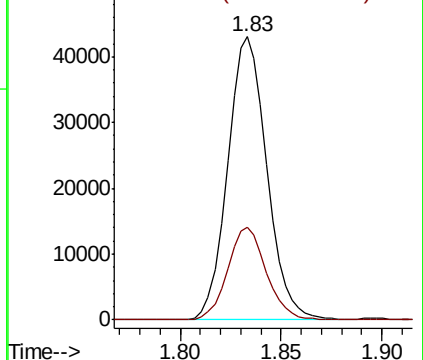


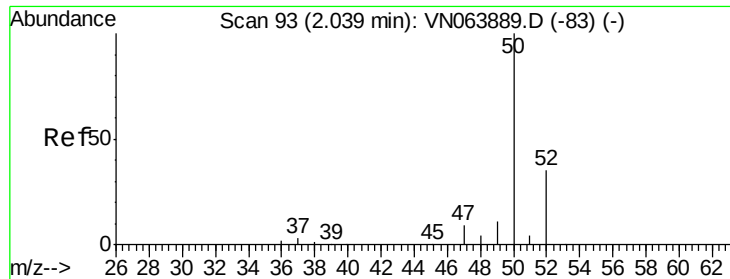
#2
 Dichlorodifluoromethane
 Concen: 18.308 ug/l
 RT: 1.83 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 85 Resp: 58428
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.408 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

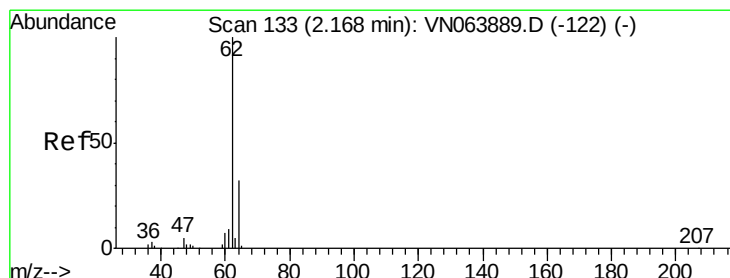
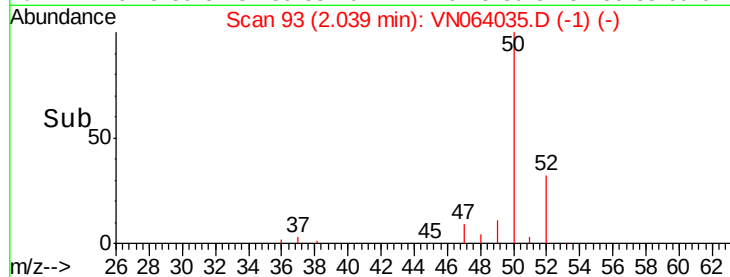
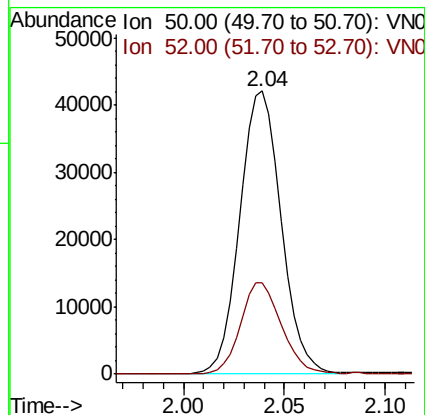
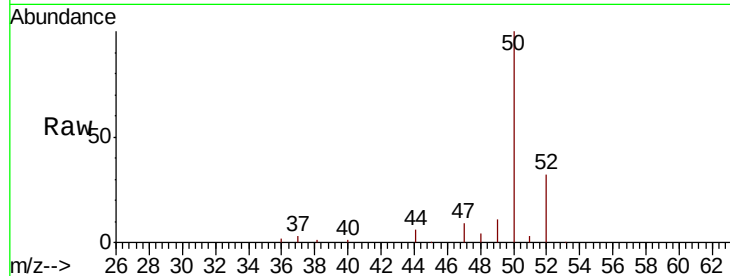
VN1009WBSD01

Tot Ion: 50 Resp: 60795

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 18.340 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.01 min

Lab File: VN064035.D

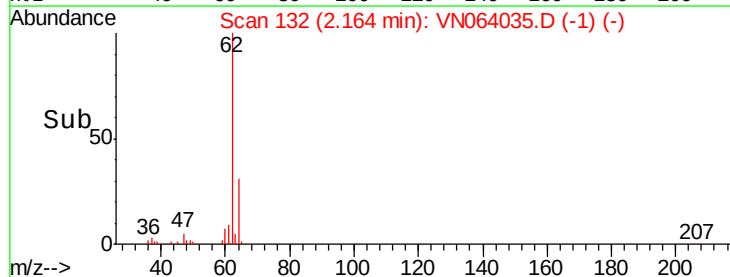
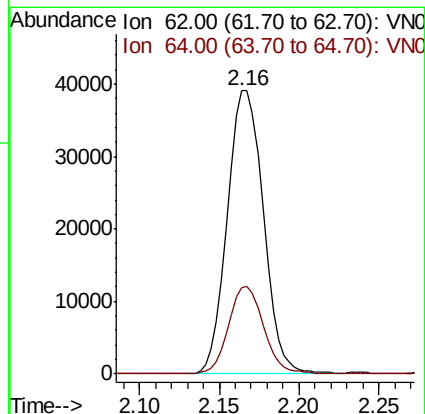
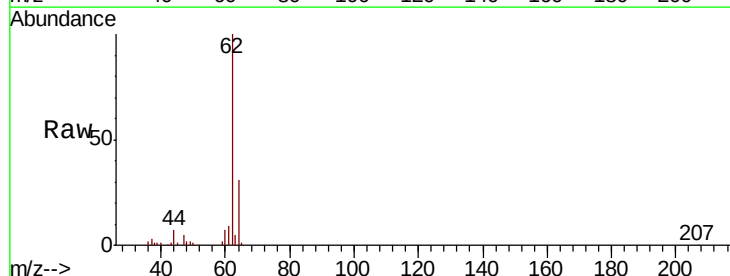
Acq: 9 Oct 2020 14:03

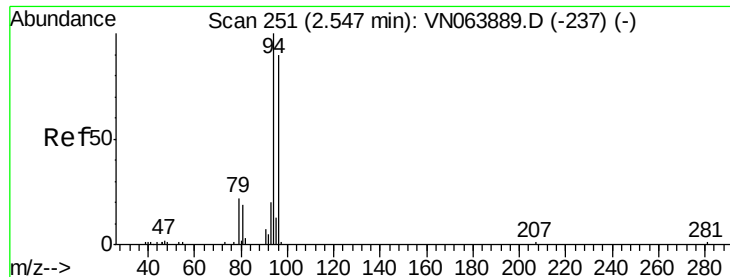
Tgt Ion: 62 Resp: 60256

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4

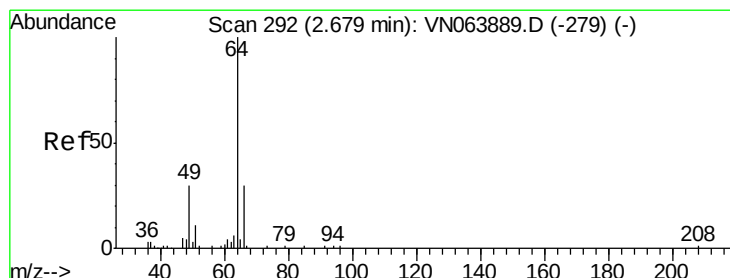
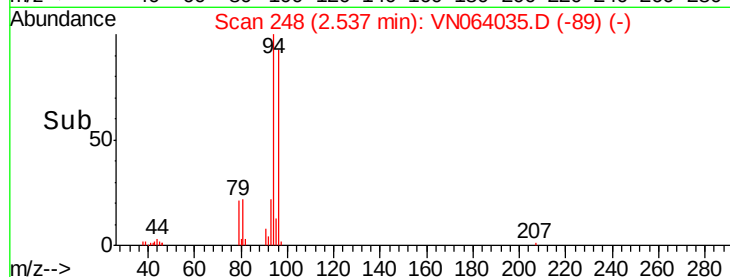
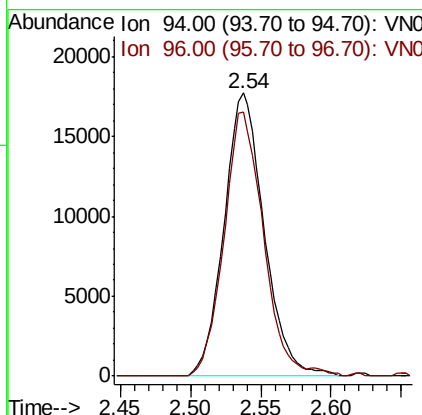
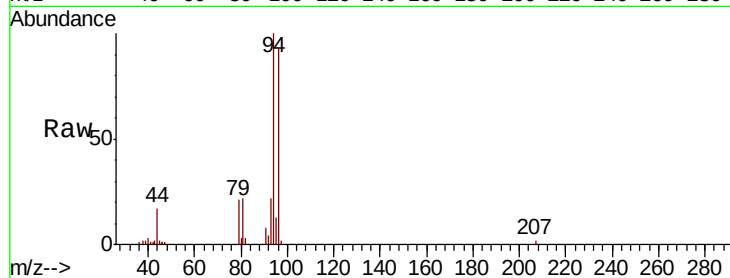




#5
Bromomethane
Concen: 16.627 ug/l
RT: 2.54 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

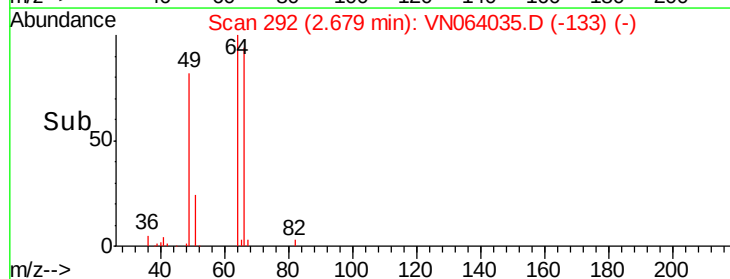
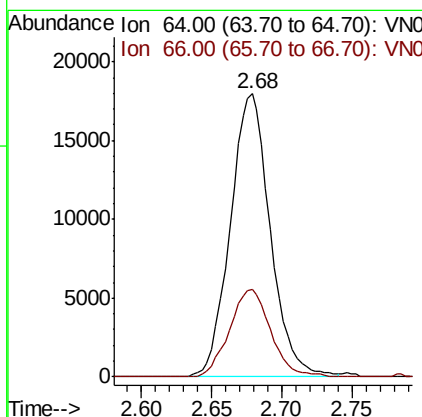
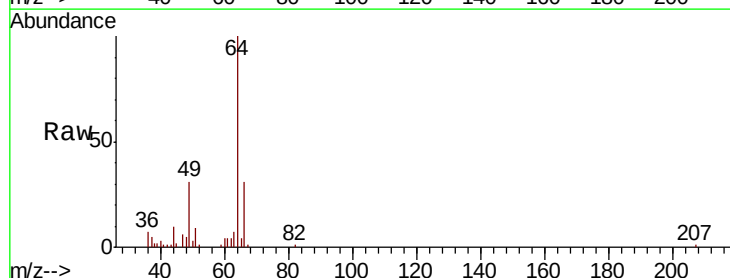
Instrument :
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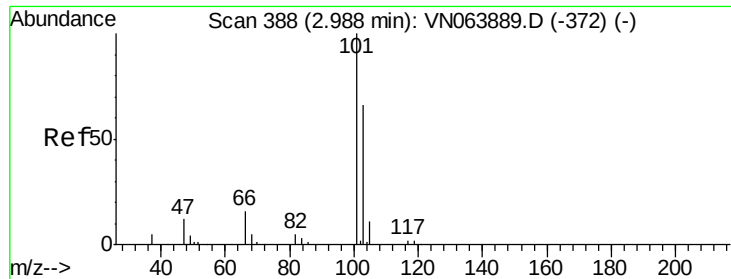
Tot Ion: 94 Resp: 35160
Ion Ratio Lower Upper
94 100
96 93.4 74.0 111.0



#6
Chloroethane
Concen: 17.265 ug/l
RT: 2.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 64 Resp: 35584
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.8



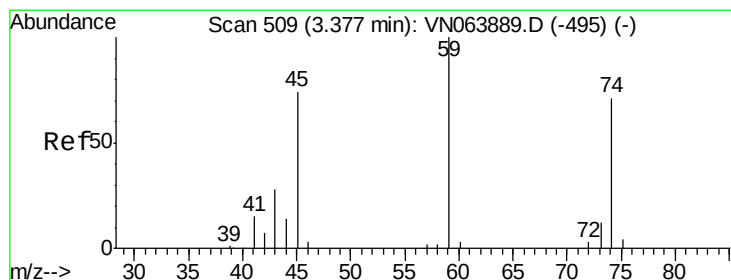
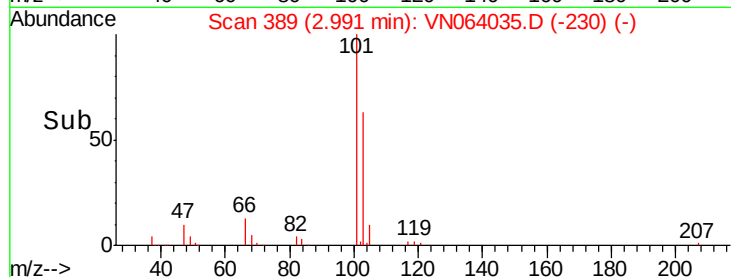
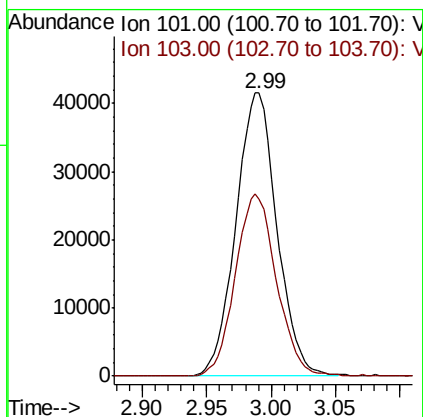
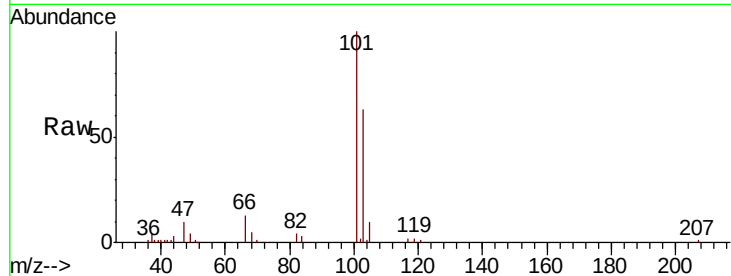


#7

Trichlorofluoromethane
 Concen: 17.742 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
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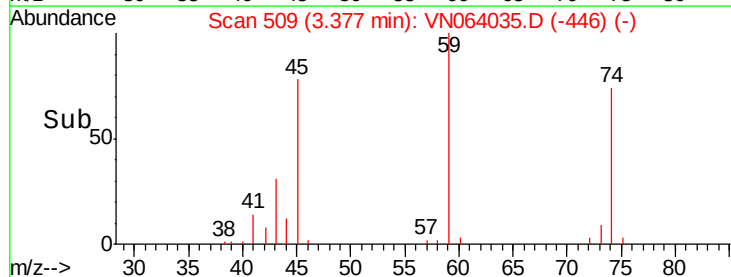
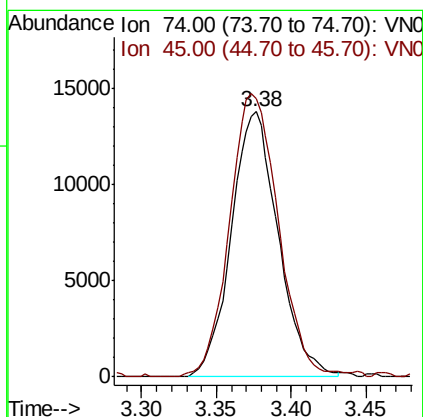
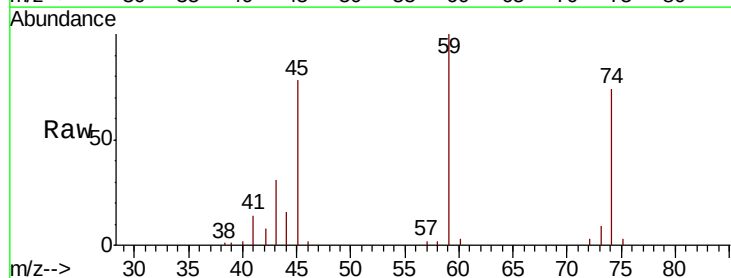
Tot Ion:101 Resp: 92018
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.9 77.9

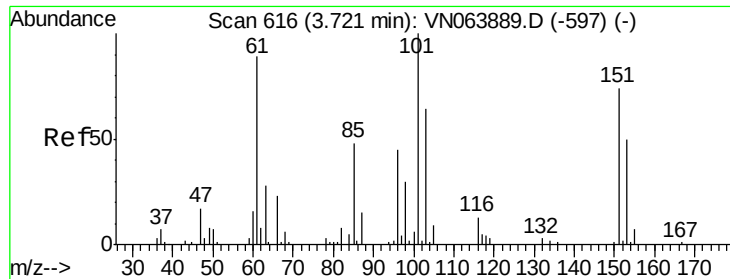


#8

Diethyl Ether
 Concen: 17.951 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 74 Resp: 30145
 Ion Ratio Lower Upper
 74 100
 45 110.4 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.868 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

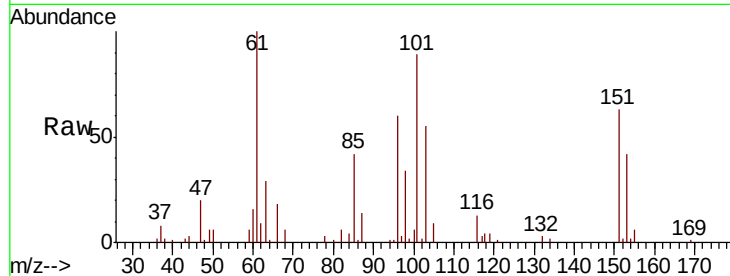
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Ion Ratio Lower Upper

101 100

85 47.0 0.0 85.0

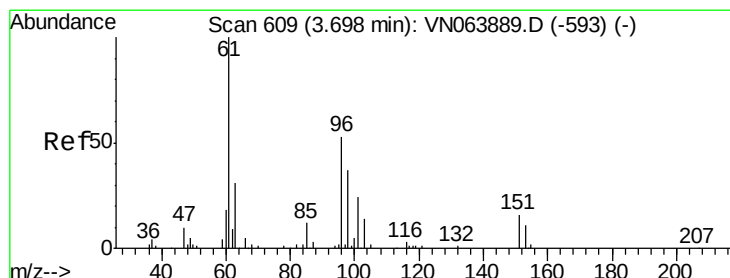
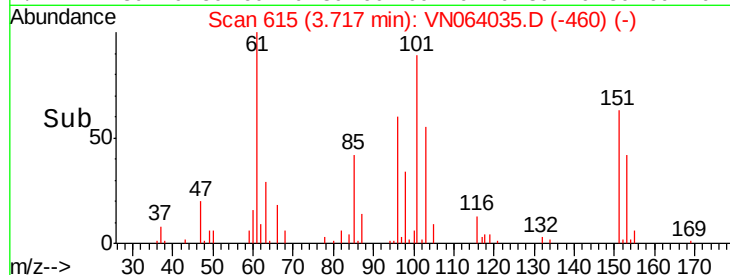
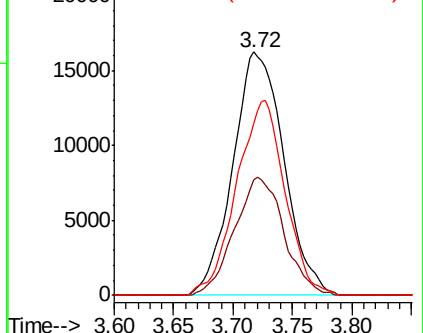
151 76.1 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.902 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

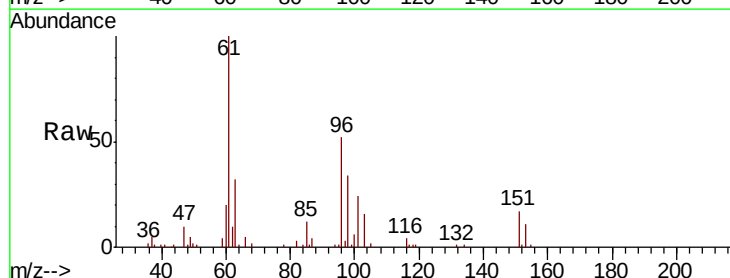
Tgt Ion: 96 Resp: 45297

Ion Ratio Lower Upper

96 100

61 190.7 130.8 196.2

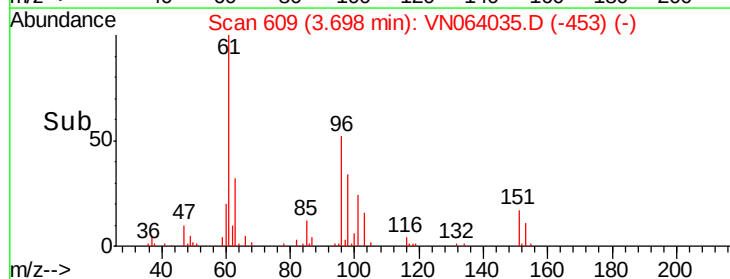
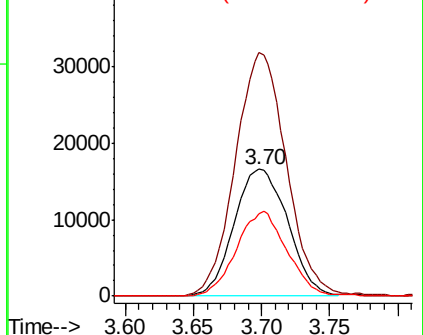
98 64.5 49.0 73.4

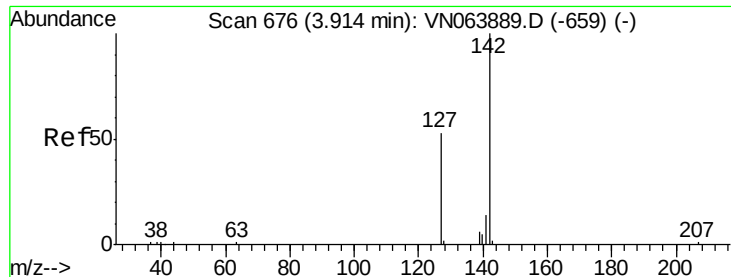


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

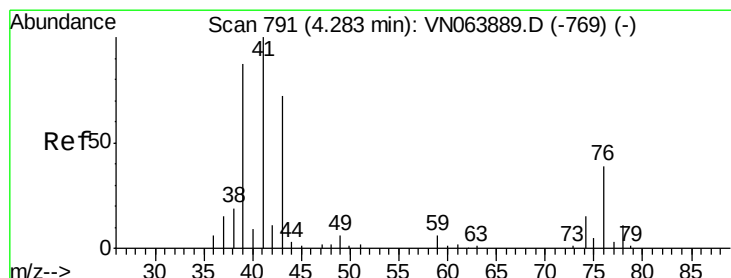
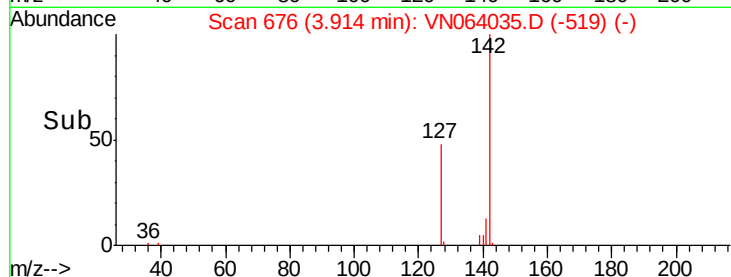
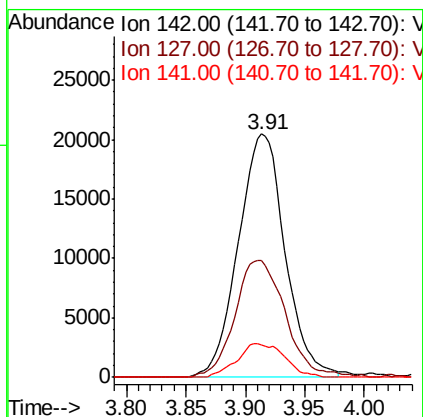
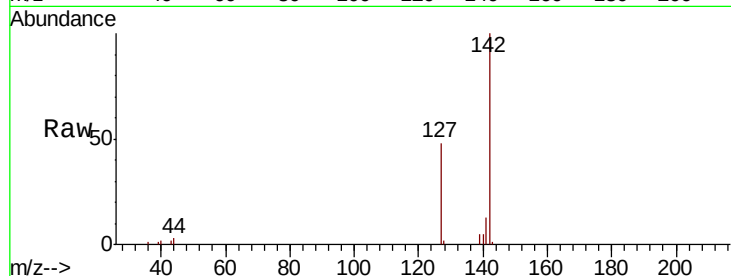




#11
Methyl Iodide
Concen: 17.264 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

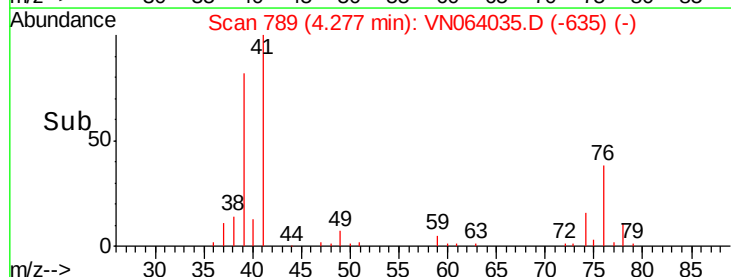
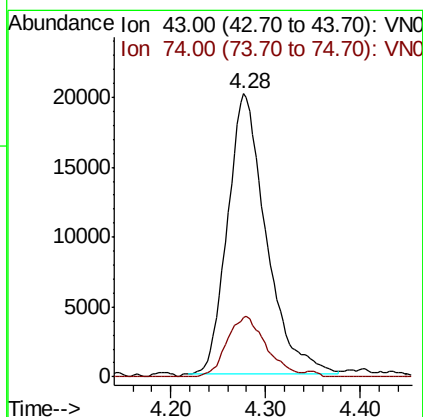
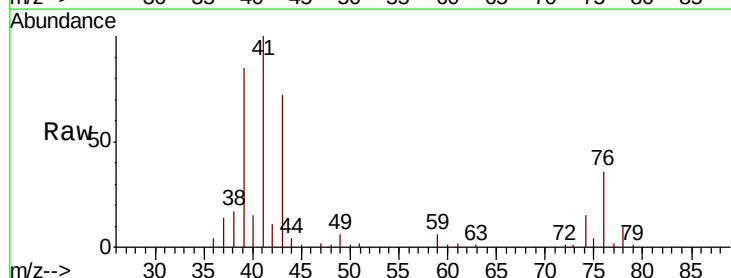
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD01

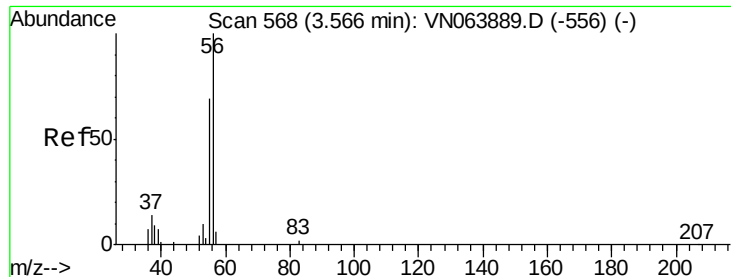
Tot Ion:142 Resp: 55735
Ion Ratio Lower Upper
142 100
127 47.5 20.9 62.8
141 13.4 6.7 20.1



#12
Methyl Acetate
Concen: 18.228 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 43 Resp: 56763
Ion Ratio Lower Upper
43 100
74 21.2 18.6 27.8





#13

Acrolein

Concen: 68.970 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

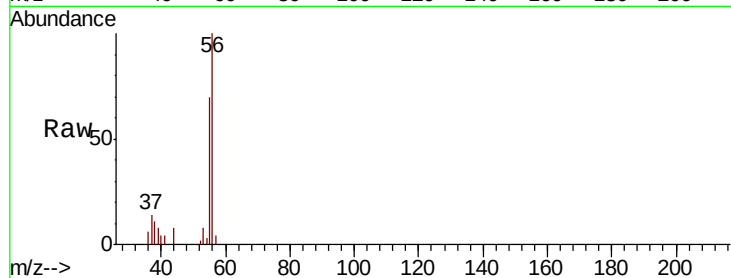
VN1009WBSD01

Tot Ion: 56 Resp: 20905

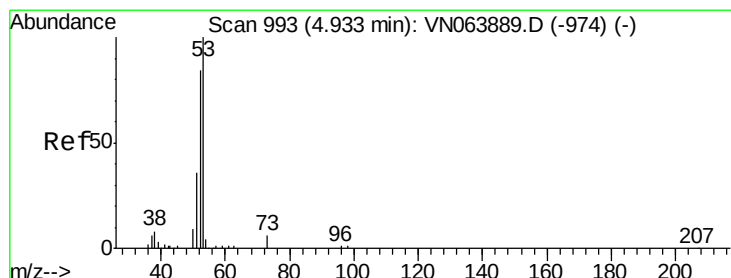
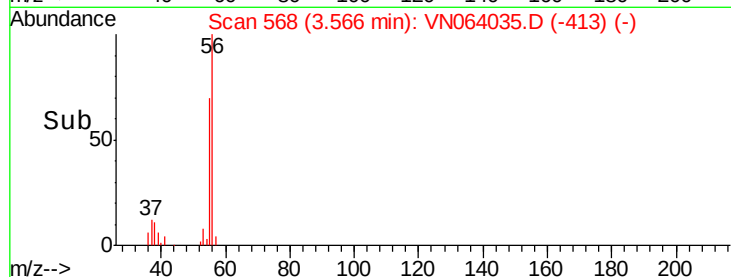
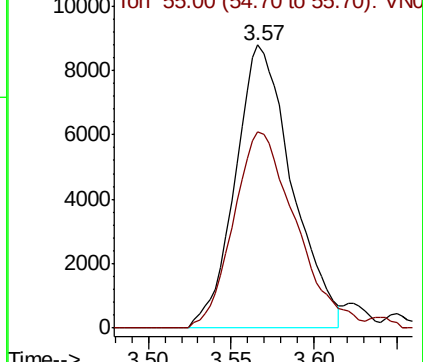
Ion Ratio Lower Upper

56 100

55 76.2 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN064035.D (-556) (-)



#14

Acrylonitrile

Concen: 87.154 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

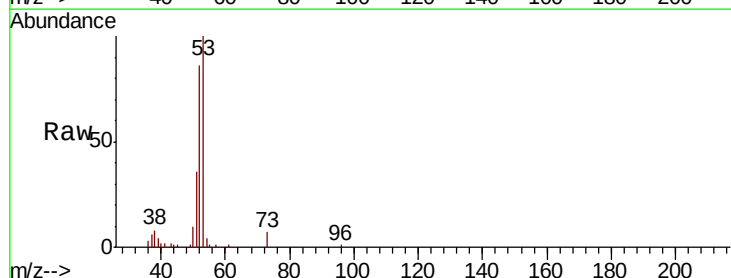
Tgt Ion: 53 Resp: 111585

Ion Ratio Lower Upper

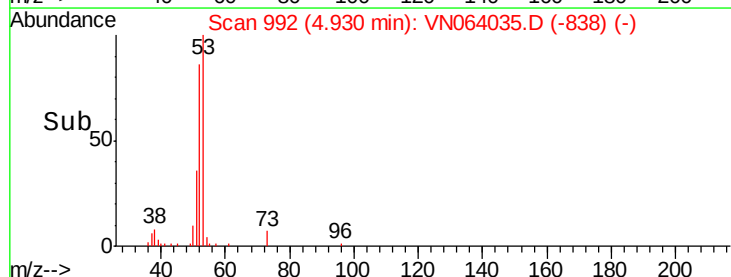
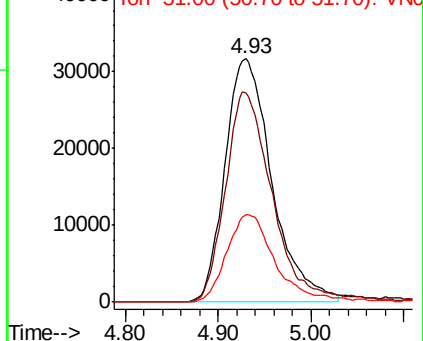
53 100

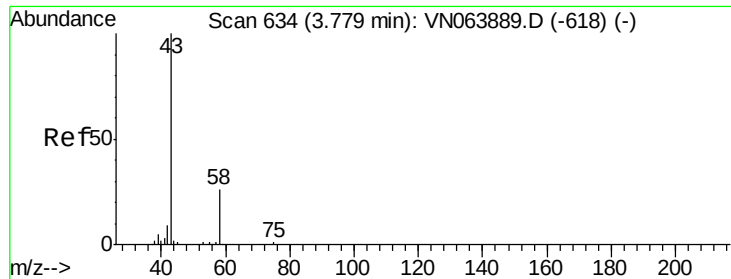
52 81.4 39.9 119.7

51 35.7 17.0 51.0



Abundance Ion 53.00 (52.70 to 53.70): VN064035.D (-974) (-)





#15

Acetone

Concen: 95.537 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

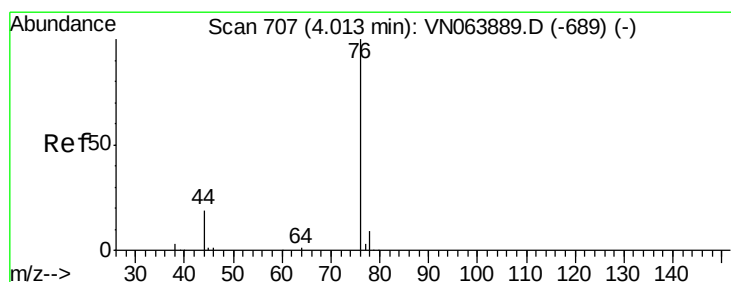
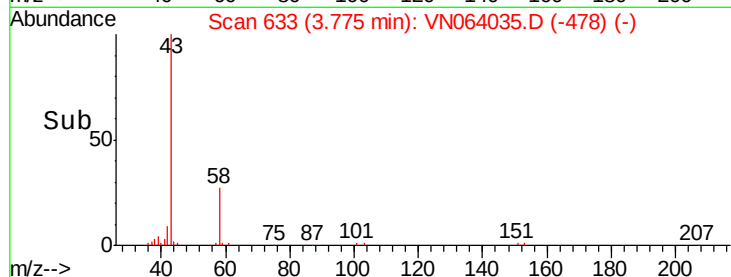
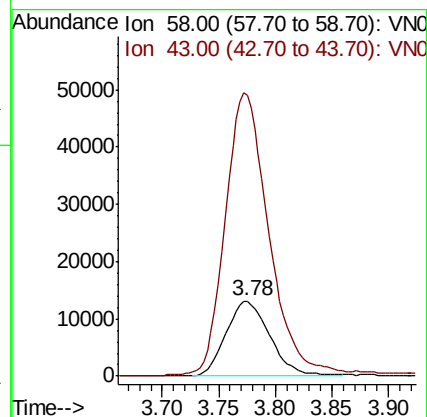
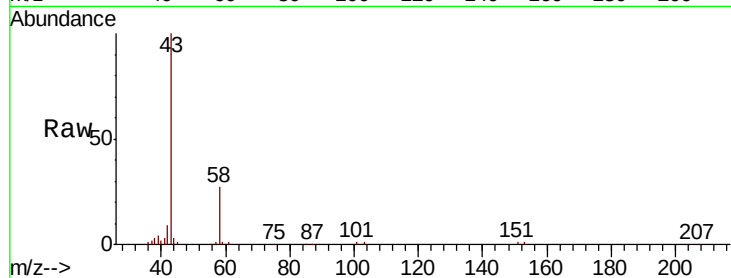
VN1009WBSD01

Tot Ion: 58 Resp: 35407

Ion Ratio Lower Upper

58 100

43 370.2 233.2 349.8#



#16

Carbon Disulfide

Concen: 17.556 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN064035.D

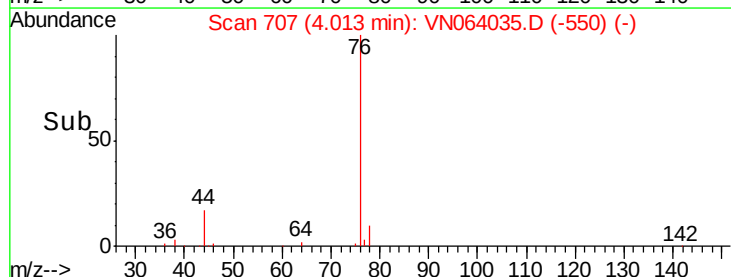
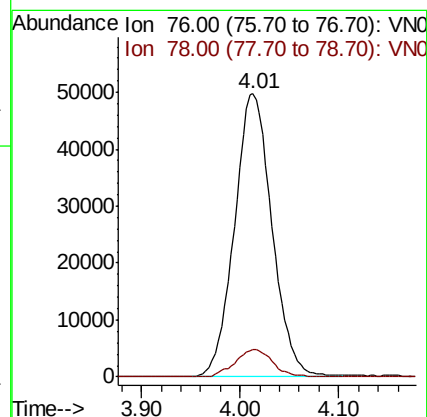
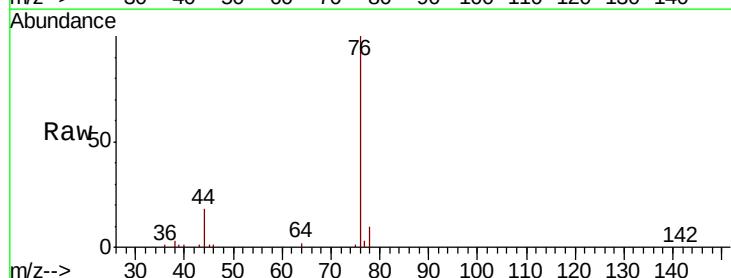
Acq: 9 Oct 2020 14:03

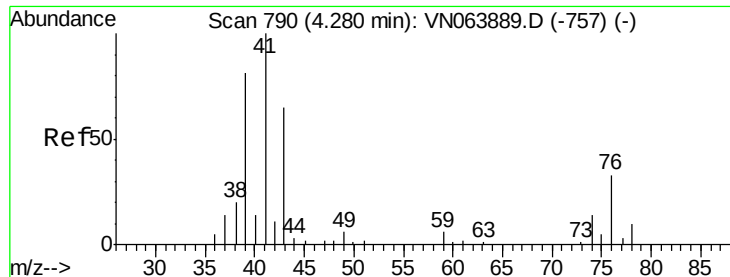
Tgt Ion: 76 Resp: 131736

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4

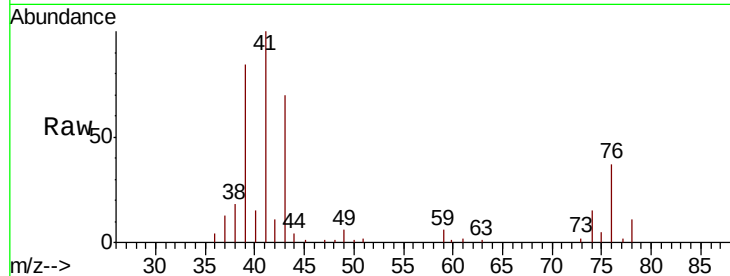




#17
Allvl chloride
Concen: 19.433 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	41	Resp	91517
Ion Ratio	Lower	Upper	
41	100		
39	84.0	33.8	101.4
76	36.7	19.4	58.4

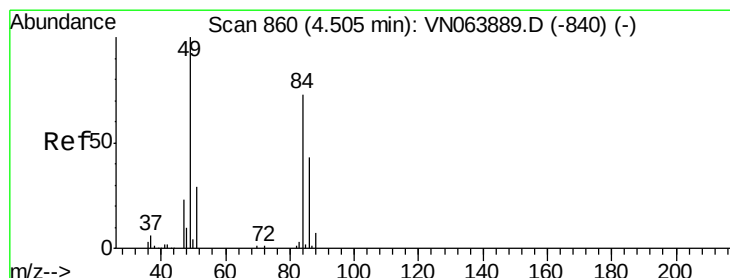
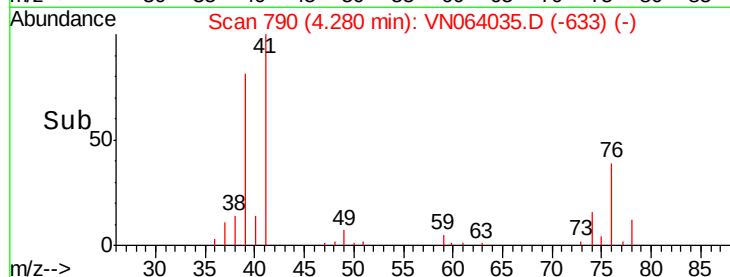
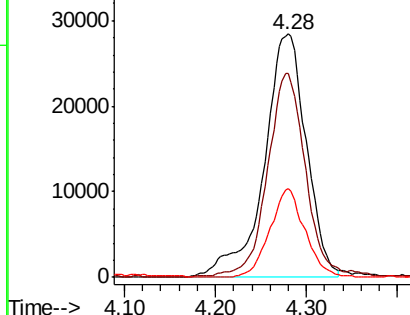


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18
Methylene Chloride
Concen: 18.100 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	84	Resp	54893
Ion Ratio	Lower	Upper	
84	100		
49	142.6	97.8	146.8
51	41.2	30.7	46.1
86	64.1	51.5	77.3

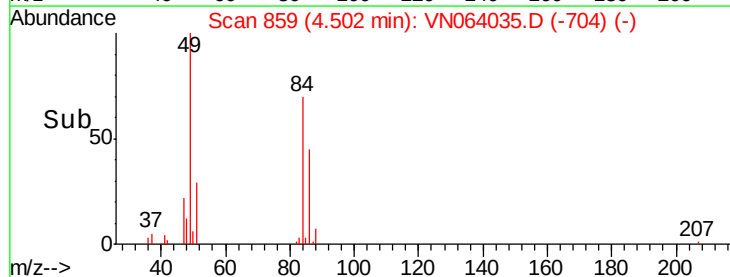
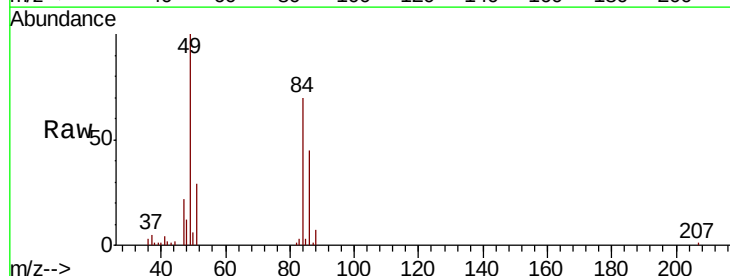
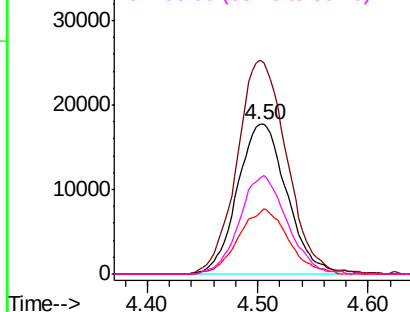
Abundance

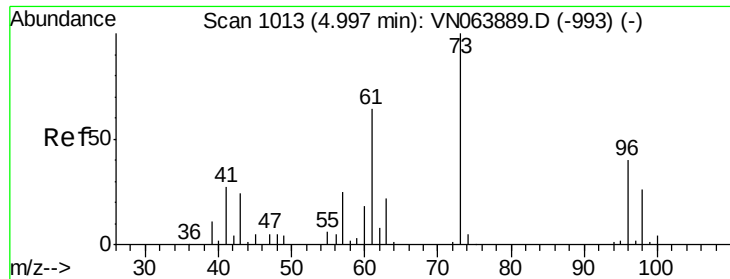
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 17.668 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

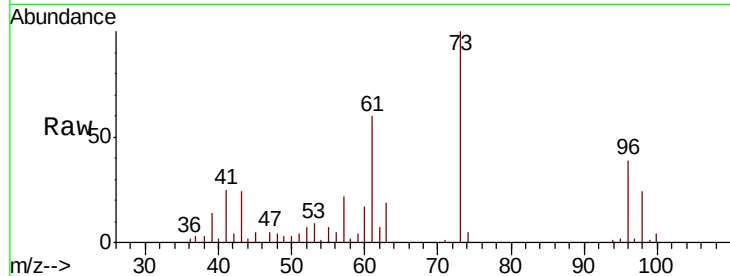
Tot Ion: 96 Resp: 50494

Ion Ratio Lower Upper

96 100

61 153.3 115.9 173.9

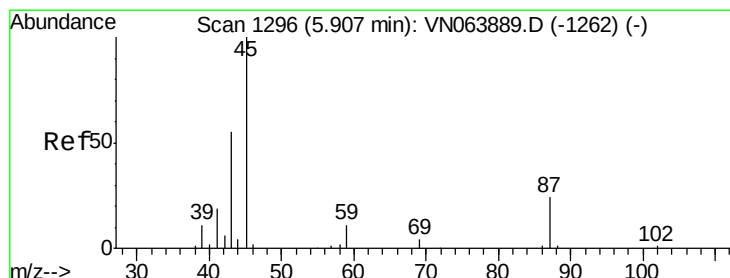
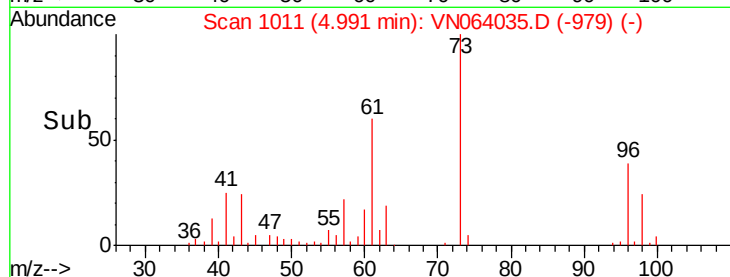
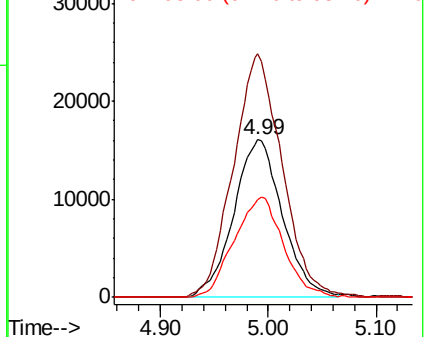
98 62.2 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VN063889.D (-993) (-)

Ion 61.00 (60.70 to 61.70): VN063889.D (-993) (-)

Ion 98.00 (97.70 to 98.70): VN063889.D (-993) (-)



#20

Diisopropyl ether

Concen: 18.723 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion: 45 Resp: 177247

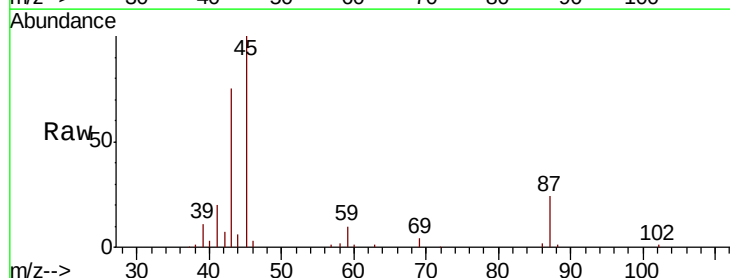
Ion Ratio Lower Upper

45 100

43 70.8 51.8 77.6

87 23.8 21.8 32.6

59 9.6 9.6 14.4#

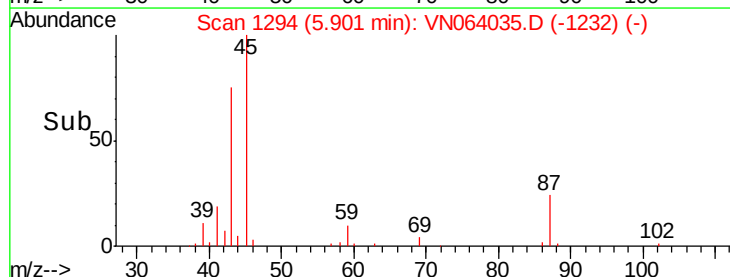
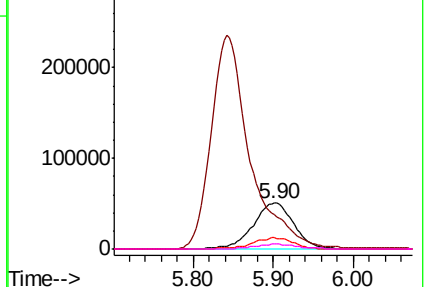


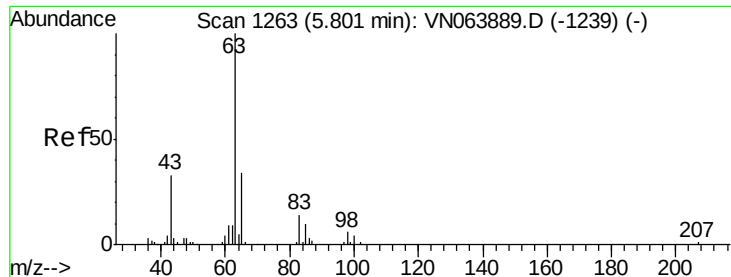
Abundance Ion 45.00 (44.70 to 45.70): VN063889.D (-1262) (-)

Ion 43.00 (42.70 to 43.70): VN063889.D (-1262) (-)

Ion 87.00 (86.70 to 87.70): VN063889.D (-1262) (-)

Ion 59.00 (58.70 to 59.70): VN063889.D (-1262) (-)

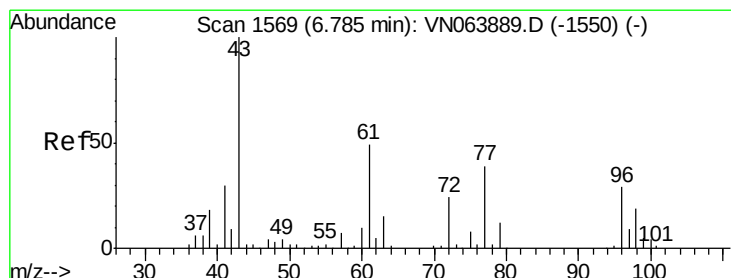
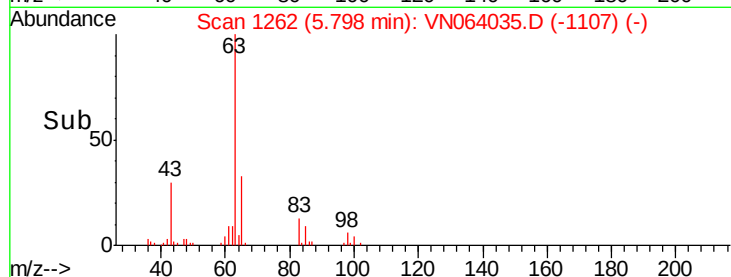
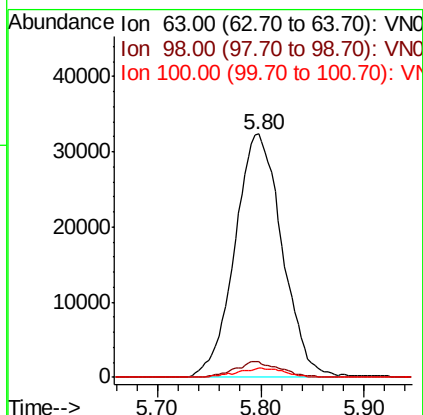
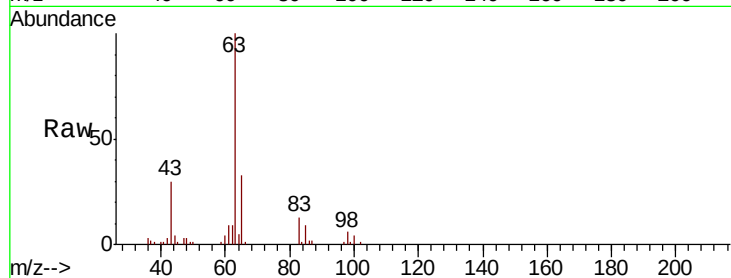




#21
 1,1-Dichloroethane
 Concen: 17.947 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

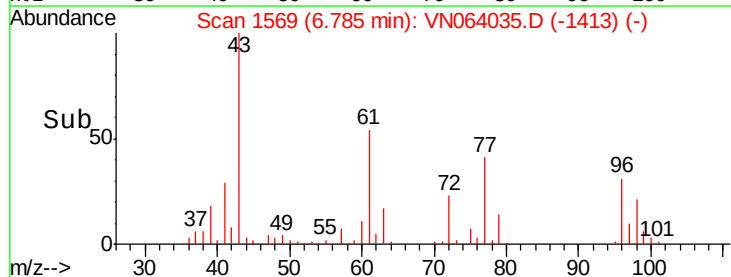
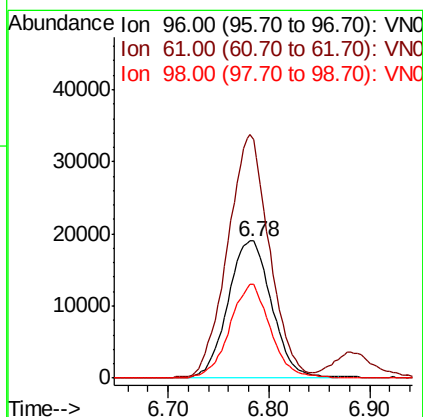
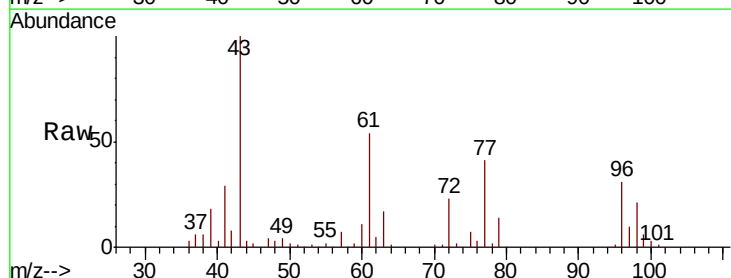
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

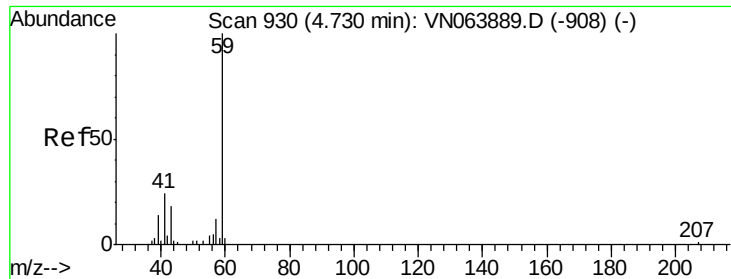
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.3
100	3.7	1.8	5.3



#22
 cis-1,2-Dichloroethene
 Concen: 17.652 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.0	120.9	181.3
98	63.5	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 74.861 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.02 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

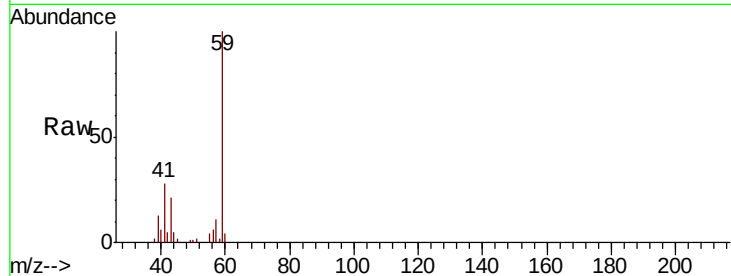
VN1009WBSD01

Tot Ion: 59 Resp: 41113

Ion Ratio Lower Upper

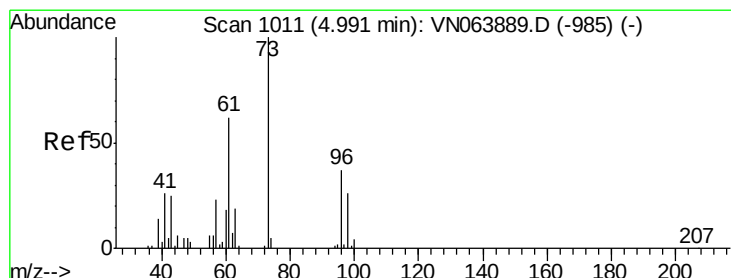
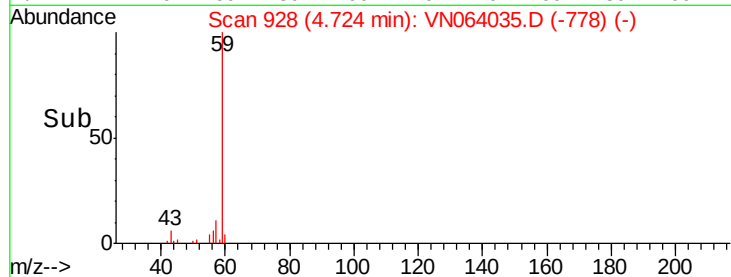
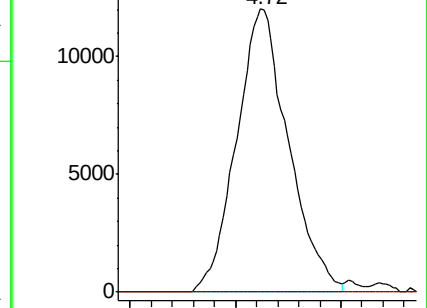
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 17.797 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064035.D

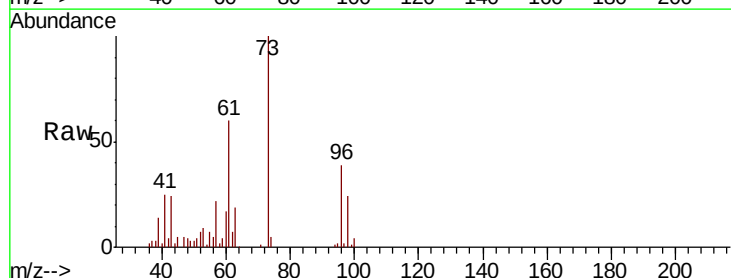
Acq: 9 Oct 2020 14:03

Tgt Ion: 73 Resp: 151070

Ion Ratio Lower Upper

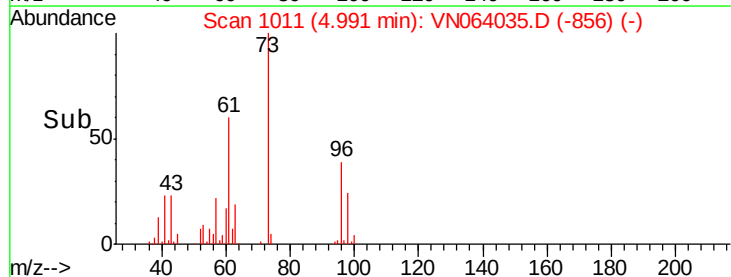
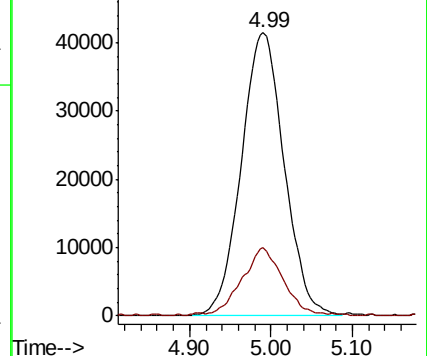
73 100

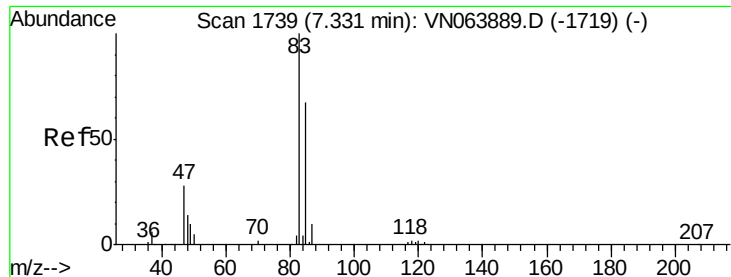
43 21.4 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

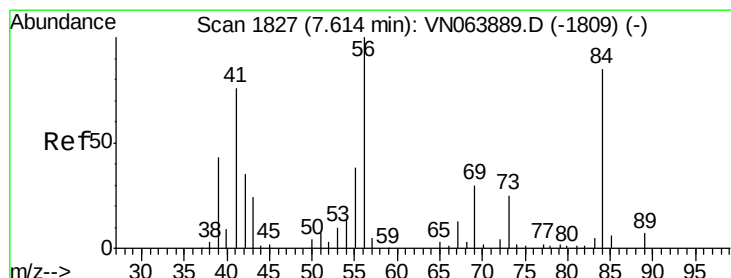
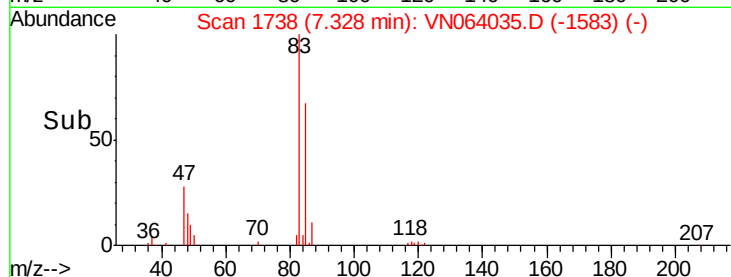
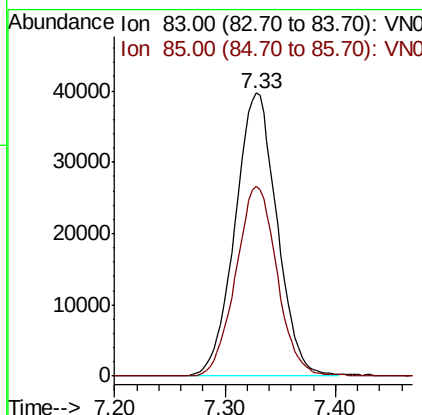
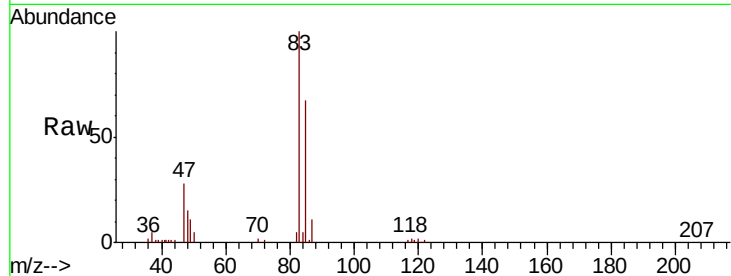




#25
Chloroform
Concen: 17.423 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

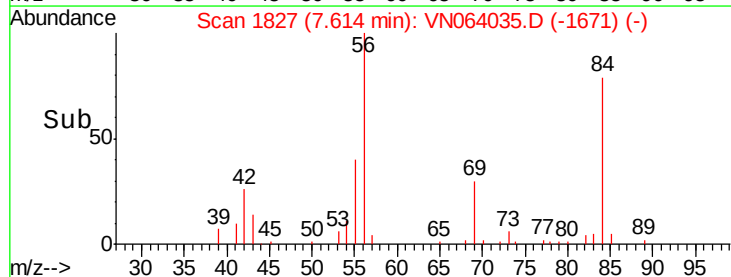
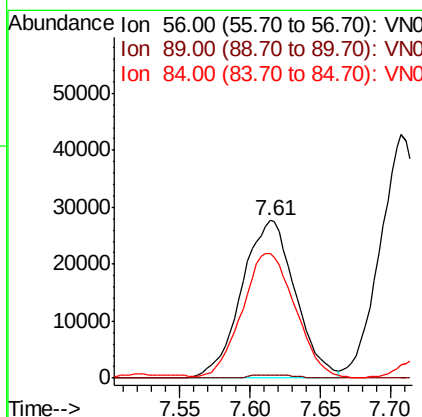
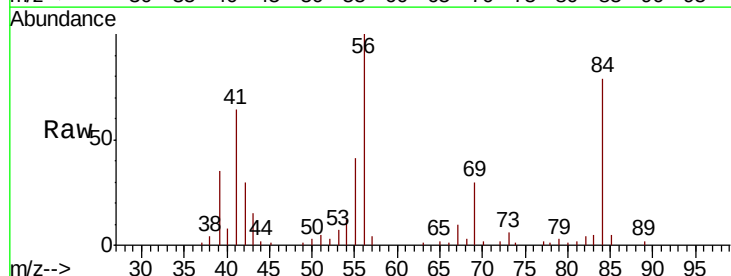
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

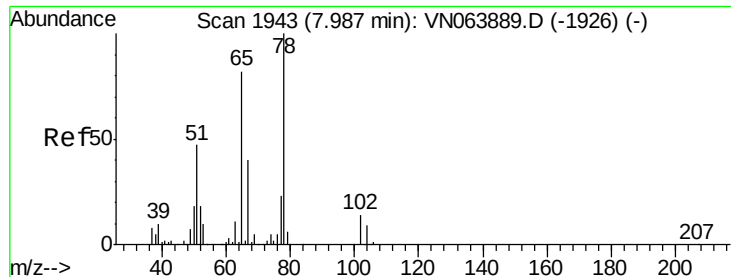
Tot Ion: 83 Resp: 104697
Ion Ratio Lower Upper
83 100
85 66.9 51.0 76.4



#26
Cyclohexane
Concen: 17.772 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 56 Resp: 73363
Ion Ratio Lower Upper
56 100
89 0.8 0.0 0.0#
84 78.5 65.0 97.4

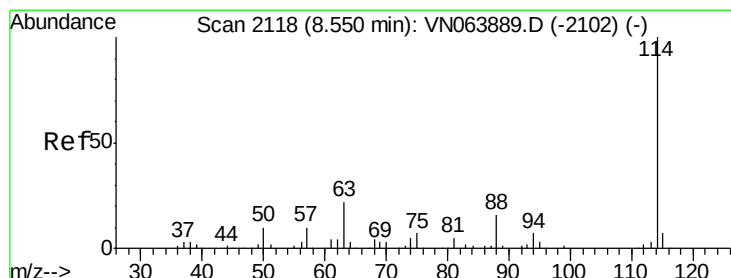
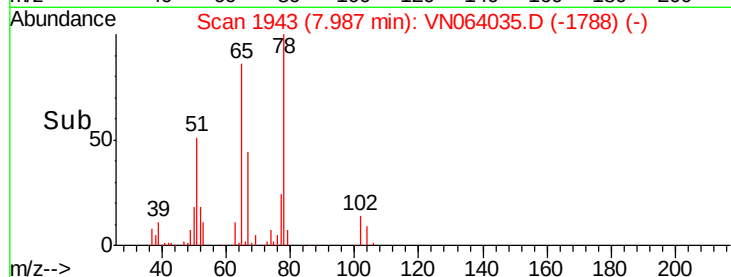
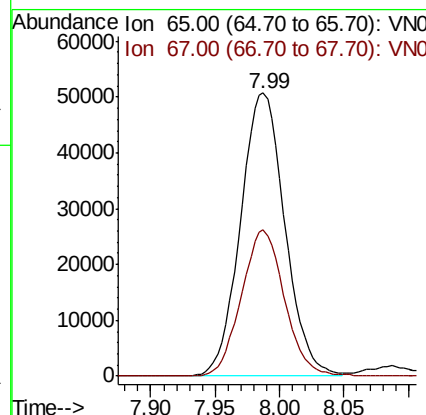
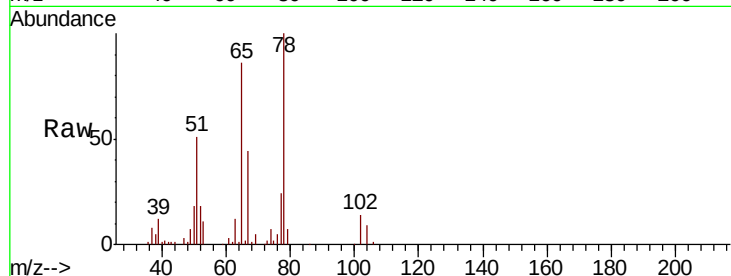




#27
 1,2-Dichloroethane-d4
 Concen: 28.687 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

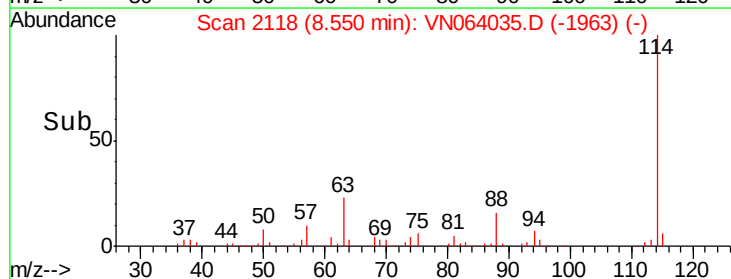
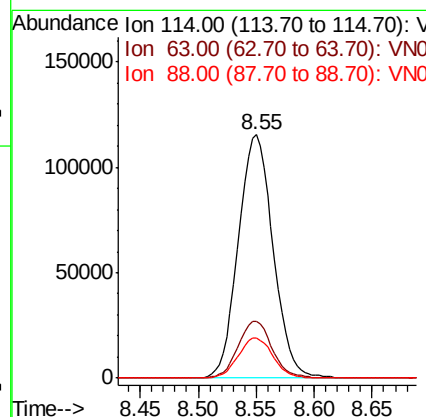
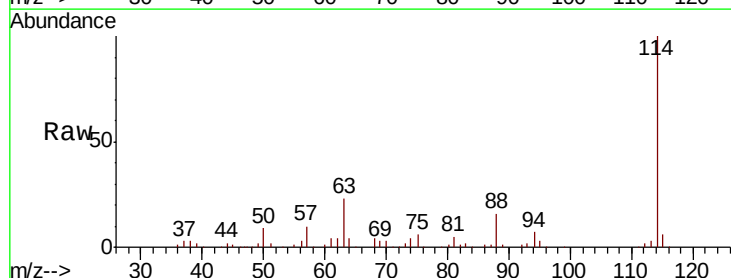
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

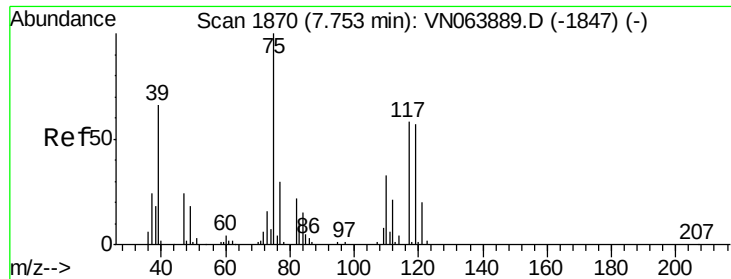
Tot Ion: 65 Resp: 121482
 Ion Ratio Lower Upper
 65 100
 67 50.0 43.8 65.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 114 Resp: 240728
 Ion Ratio Lower Upper
 114 100
 63 22.9 17.0 25.6
 88 16.6 12.6 18.8





#29

1,1-Dichloropropene

Concen: 17.451 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

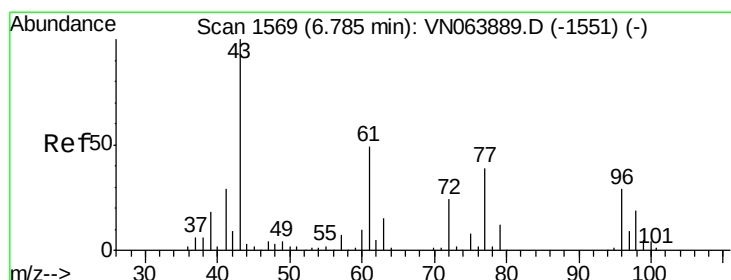
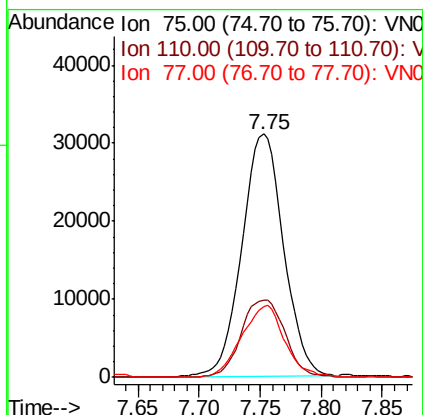
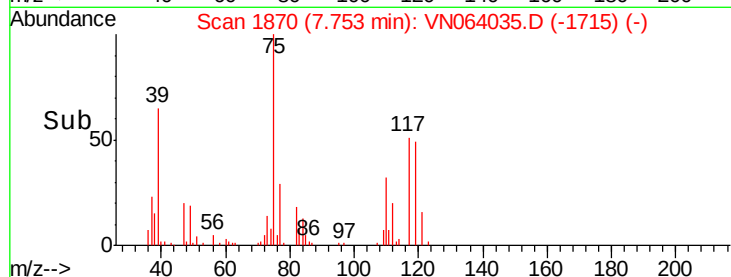
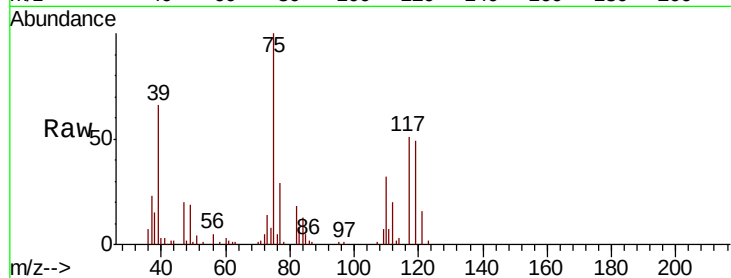
Tot Ion: 75 Resp: 73565

Ion Ratio Lower Upper

75 100

110 33.5 0.0 70.6

77 30.6 0.0 60.2



#30

2-Butanone

Concen: 87.898 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

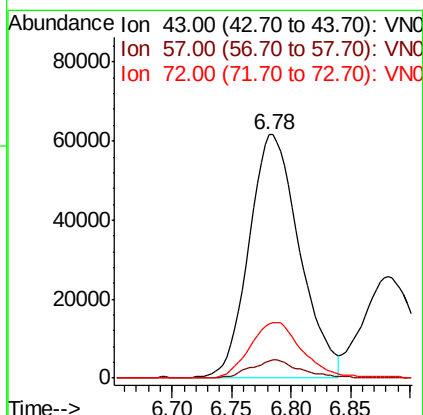
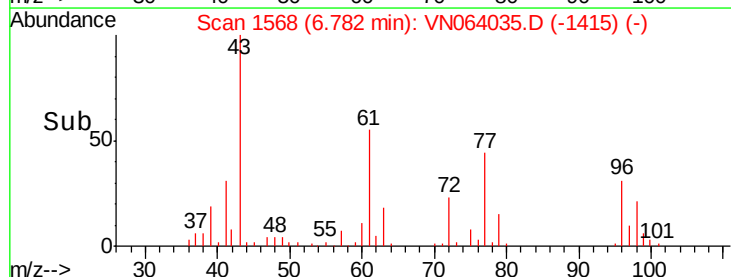
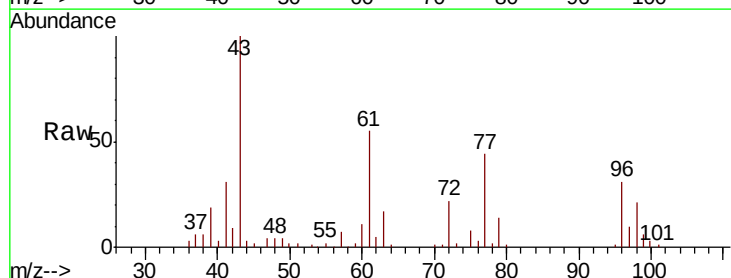
Tgt Ion: 43 Resp: 181743

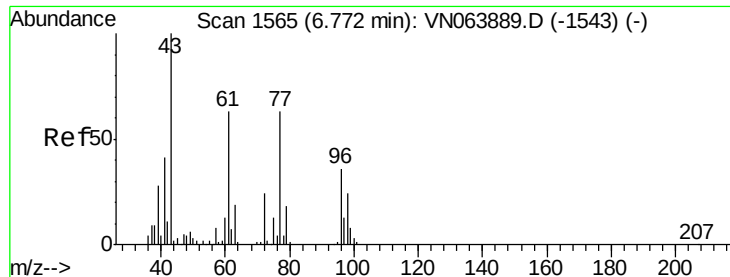
Ion Ratio Lower Upper

43 100

57 7.3 6.6 9.8

72 23.5 21.3 31.9





#31

2,2-Dichloropropane

Concen: 17.677 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

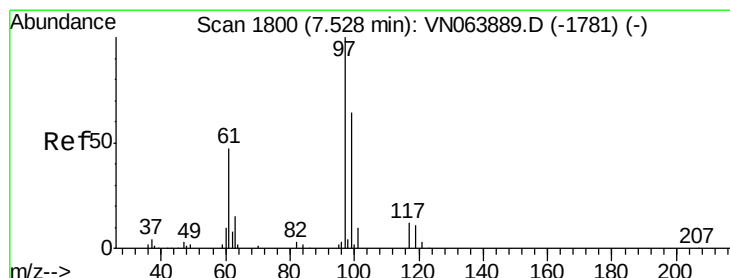
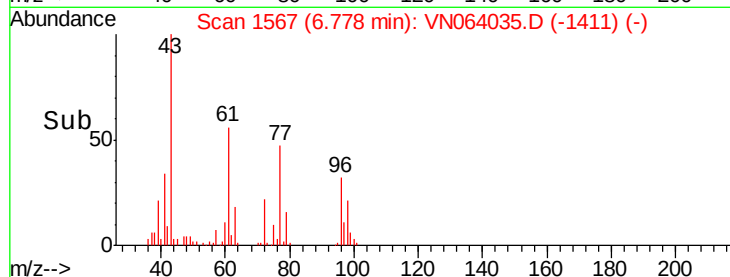
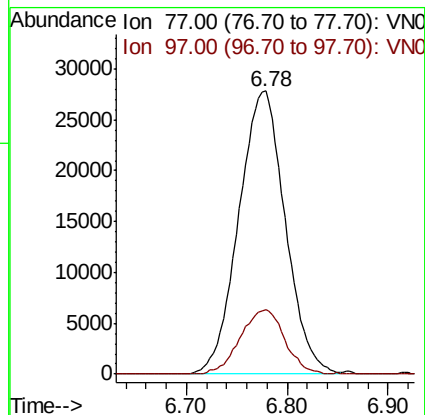
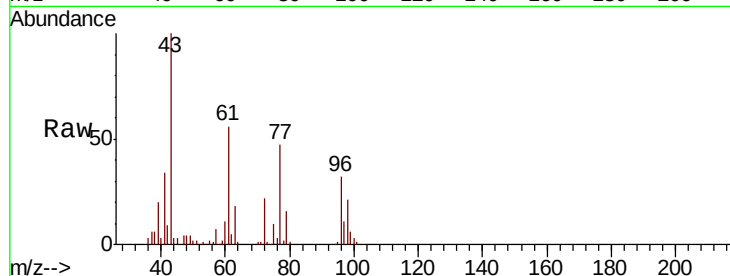
VN1009WBSD01

Tot Ion: 77 Resp: 89059

Ion Ratio Lower Upper

77 100

97 21.7 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 17.566 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

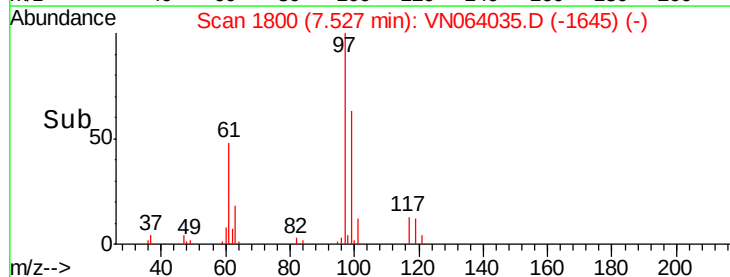
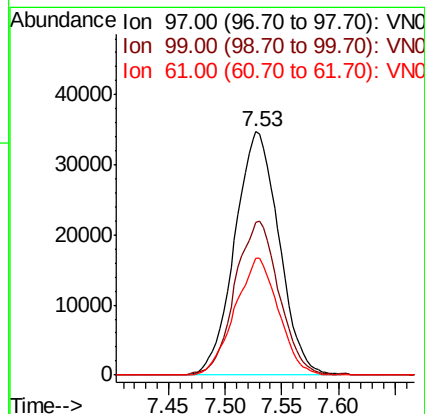
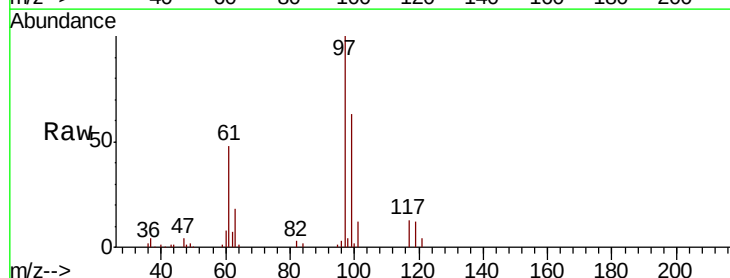
Tgt Ion: 97 Resp: 94473

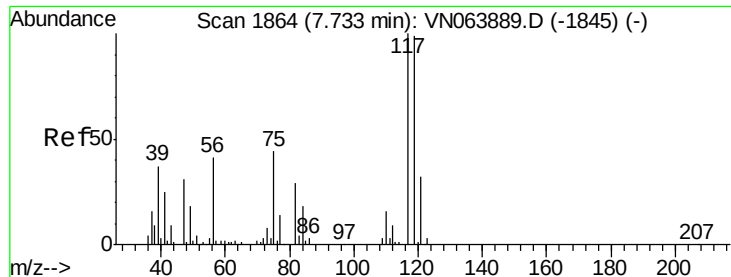
Ion Ratio Lower Upper

97 100

99 62.8 51.7 77.5

61 47.2 35.3 52.9

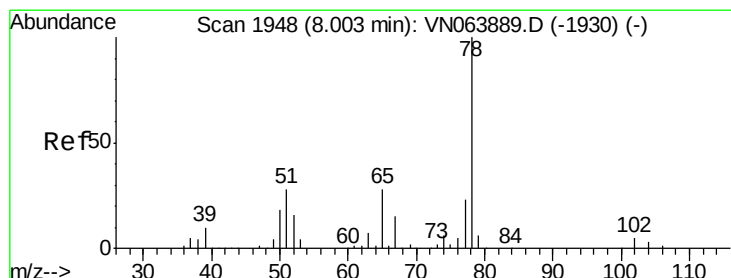
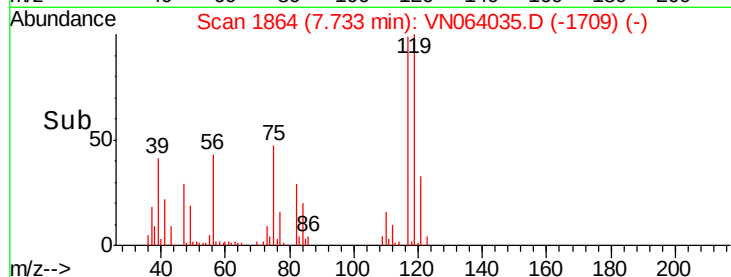
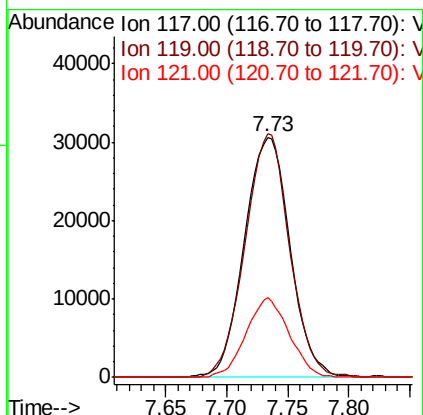
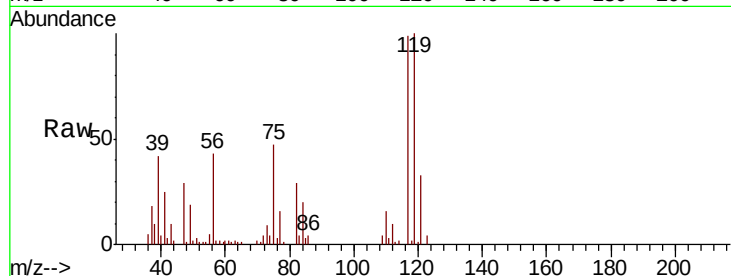




#33
Carbon Tetrachloride
Concen: 16.856 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

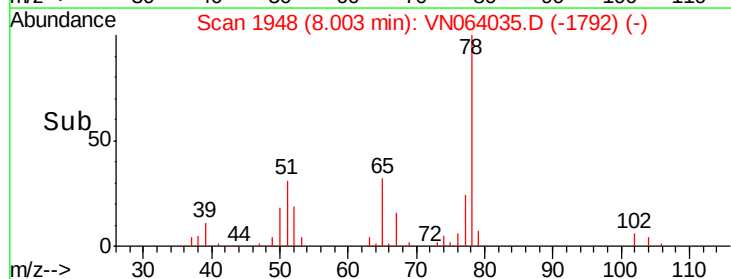
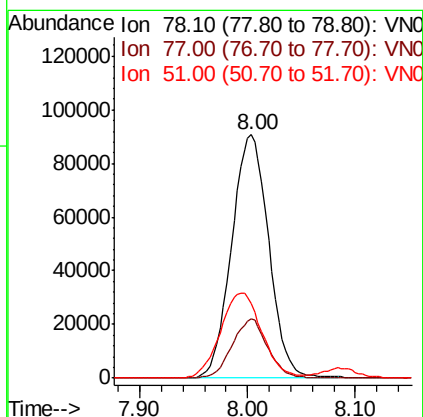
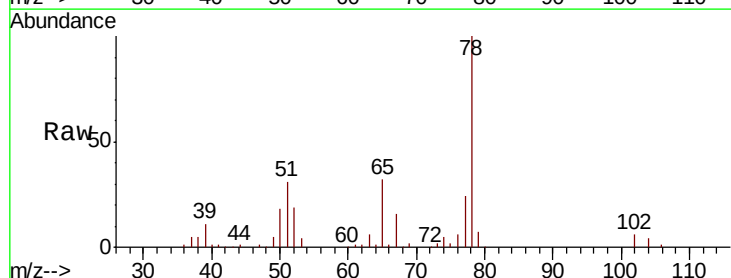
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

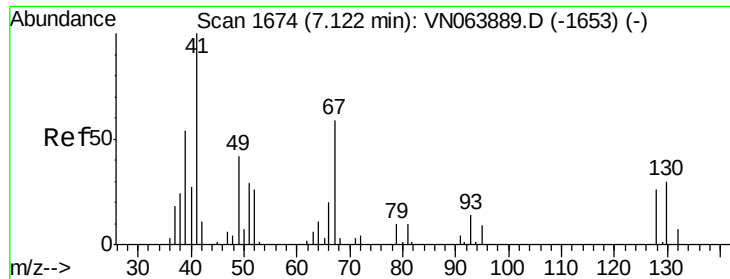
Tot Ion:117 Resp: 79423
Ion Ratio Lower Upper
117 100
119 101.4 73.0 109.4
121 33.2 24.9 37.3



#34
Benzene
Concen: 18.130 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 78 Resp: 217302
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8
51 30.0 22.2 33.2

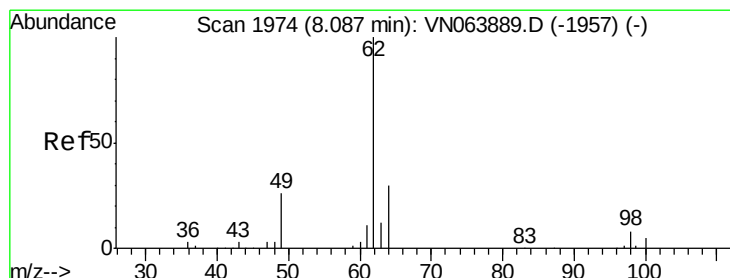
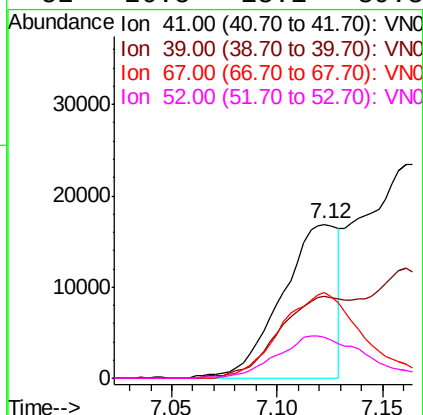
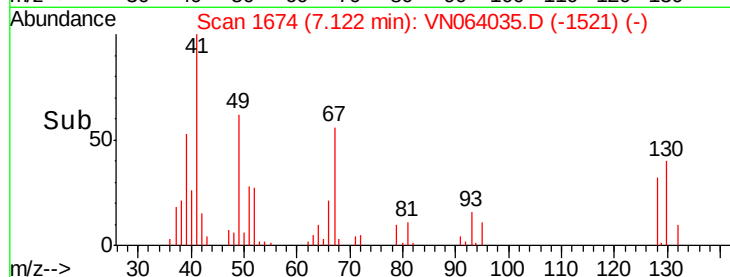
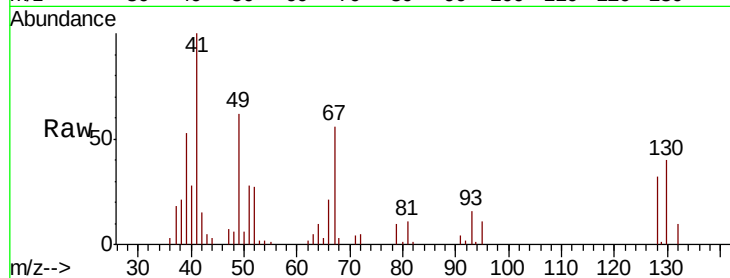




#35
Methacrylonitrile
Concen: 15.967 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

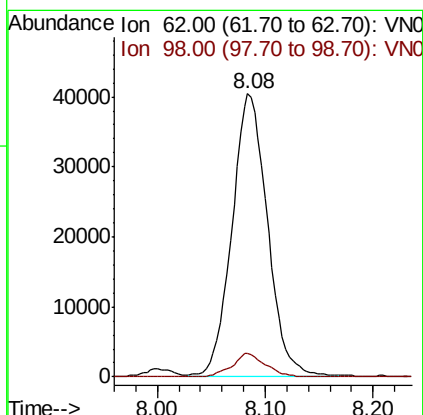
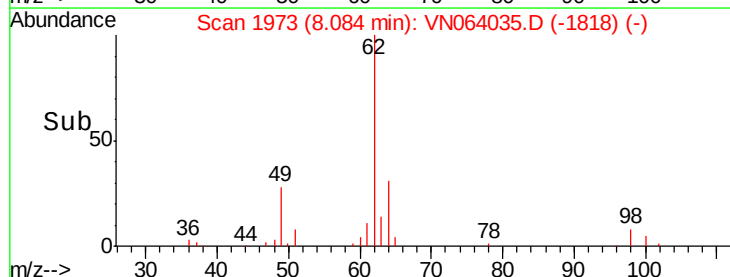
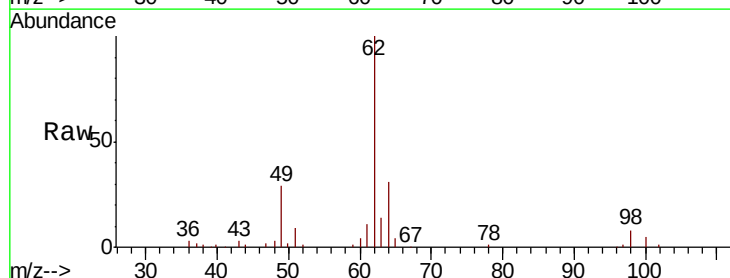
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

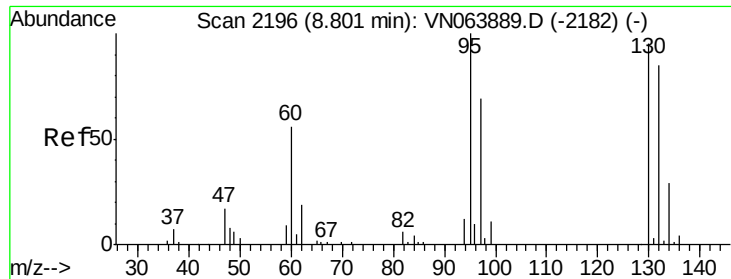
Tot Ion:	41	Resp:	31378
Ion	Ratio	Lower	Upper
41	100		
39	52.9	23.7	71.1
67	55.5	31.6	94.7
52	26.5	13.1	39.3



#36
1,2-Dichloroethane
Concen: 17.668 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion:	62	Resp:	93045
Ion	Ratio	Lower	Upper
62	100		
98	7.8	7.6	11.4

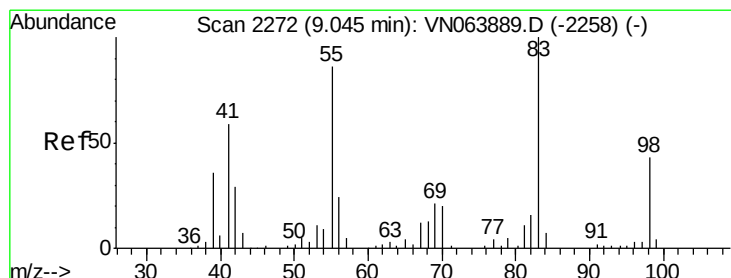
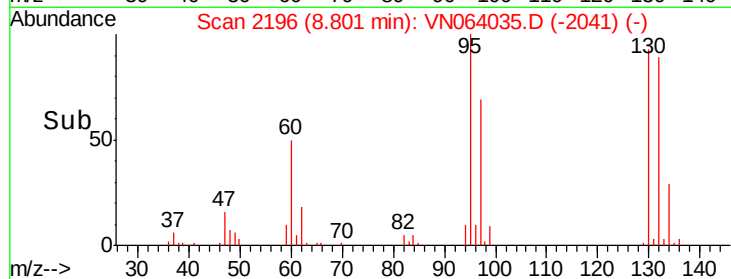
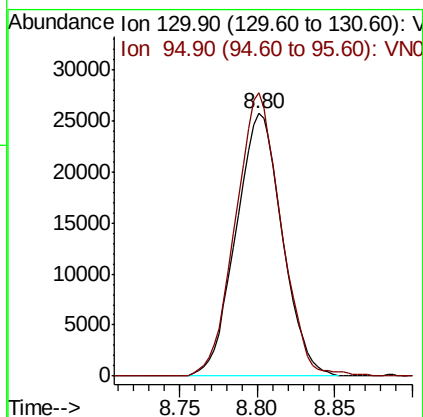
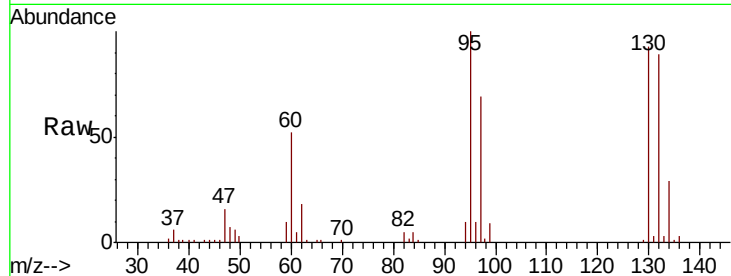




#37
 Trichloroethene
 Concen: 17.028 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

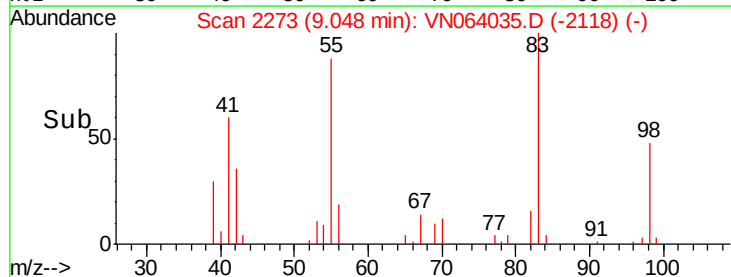
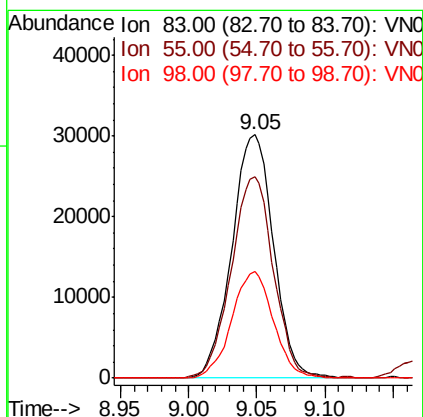
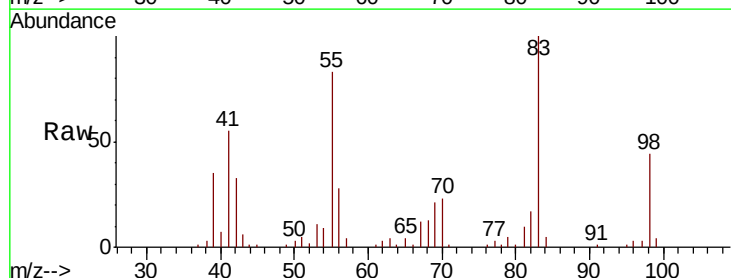
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

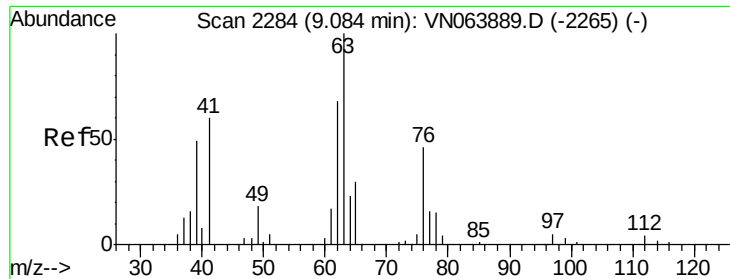
Tot Ion:130 Resp: 53476
 Ion Ratio Lower Upper
 130 100
 95 107.9 78.9 118.3



#38
 Methylcyclohexane
 Concen: 17.992 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 83 Resp: 64040
 Ion Ratio Lower Upper
 83 100
 55 83.6 41.9 125.7
 98 43.6 22.2 66.6





#39

1,2-Dichloropropane

Concen: 18.433 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

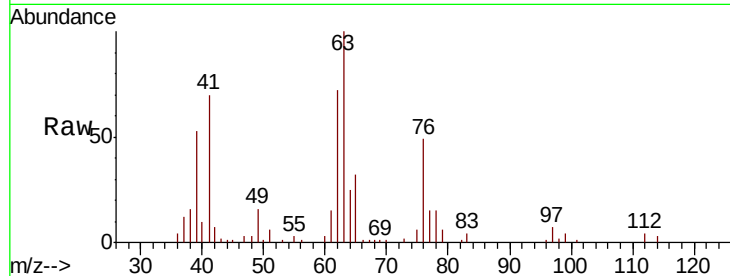
VN1009WBSD01

Tot Ion: 63 Resp: 60031

Ion Ratio Lower Upper

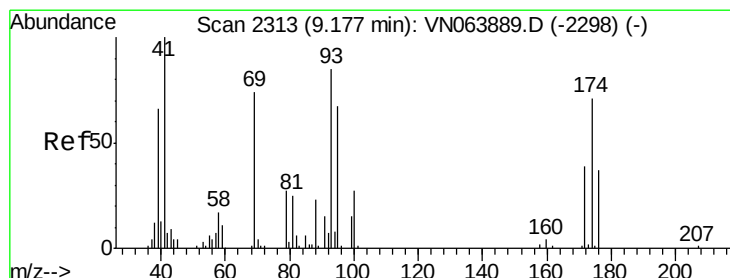
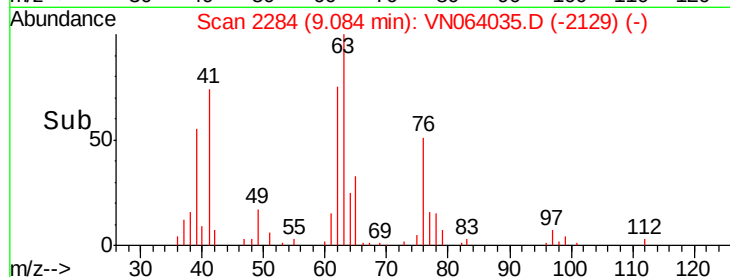
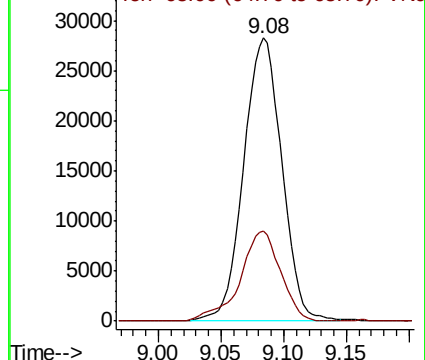
63 100

65 31.7 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 17.208 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

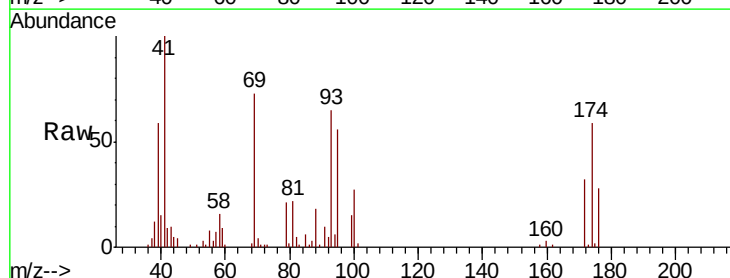
Tgt Ion: 93 Resp: 39140

Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.2

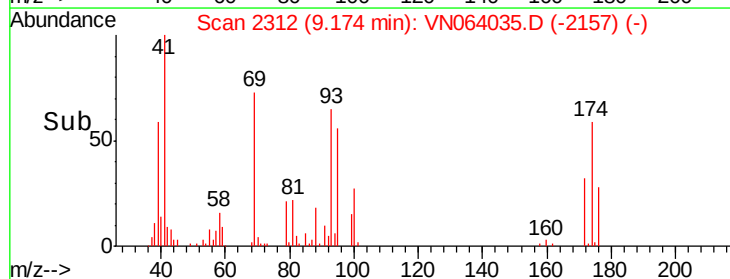
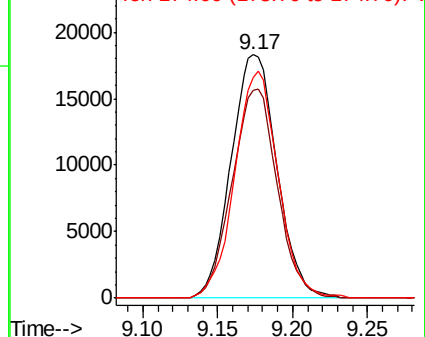
174 87.7 0.0 208.4

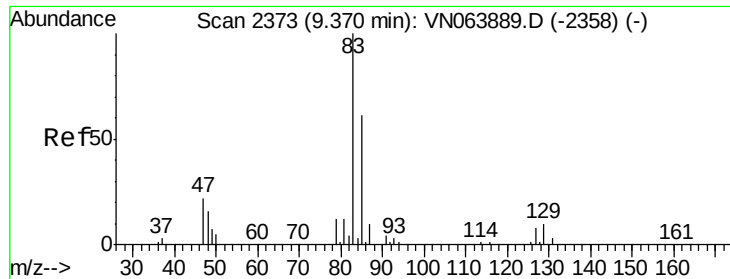


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.035 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

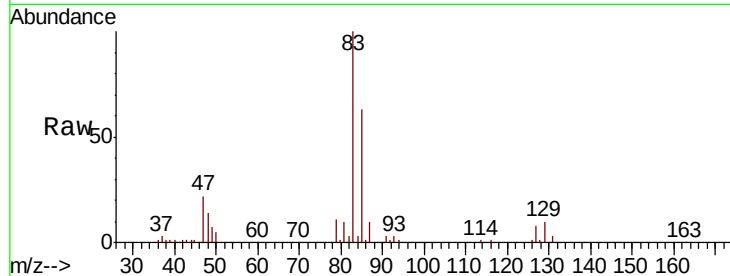
Tot Ion: 83 Resp: 85262

Ion Ratio Lower Upper

83 100

85 62.9 52.6 79.0

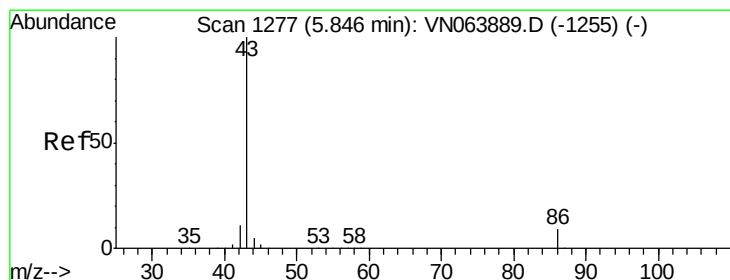
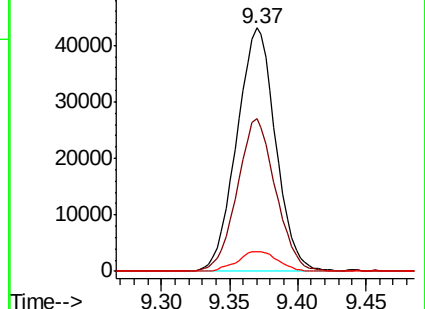
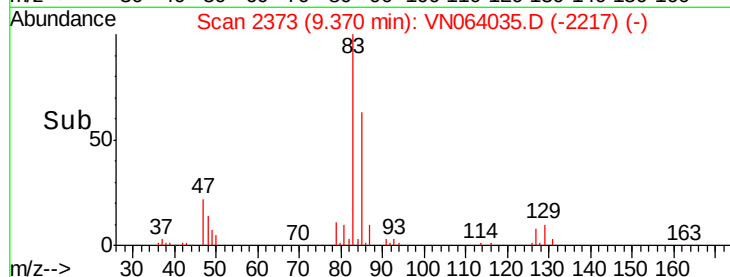
127 7.9 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN064035.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064035.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064035.D (-2217) (-)



#42

Vinyl Acetate

Concen: 91.922 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064035.D

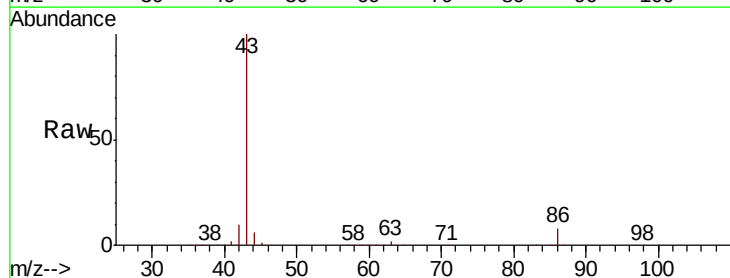
Acq: 9 Oct 2020 14:03

Tgt Ion: 43 Resp: 788814

Ion Ratio Lower Upper

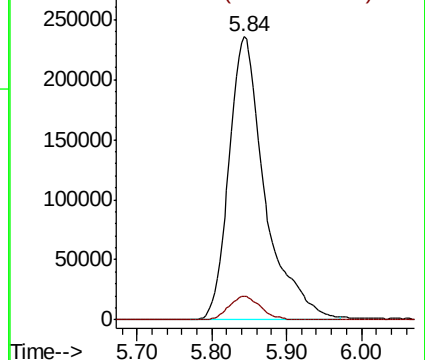
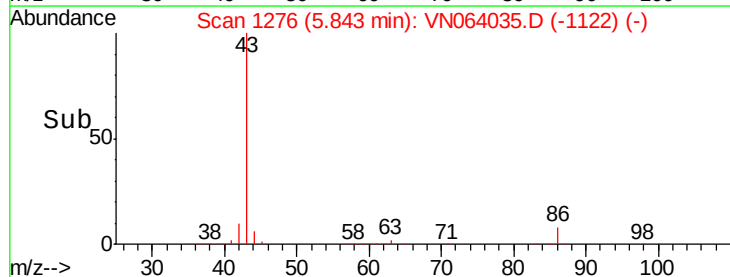
43 100

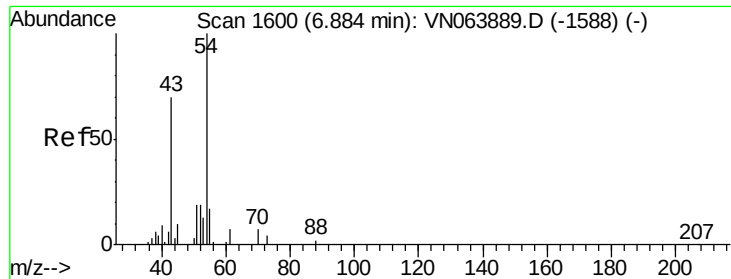
86 7.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN064035.D (-1122) (-)

Ion 86.00 (85.70 to 86.70): VN064035.D (-1122) (-)





#43

Ethyl Acetate

Concen: 16.993 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

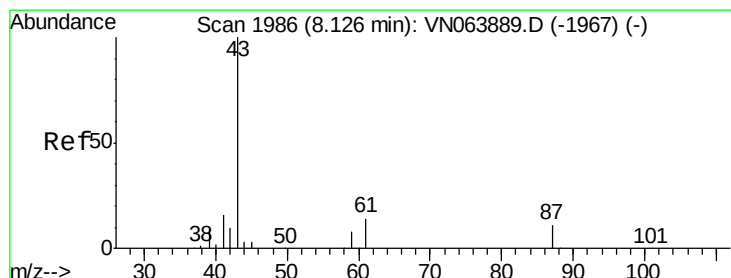
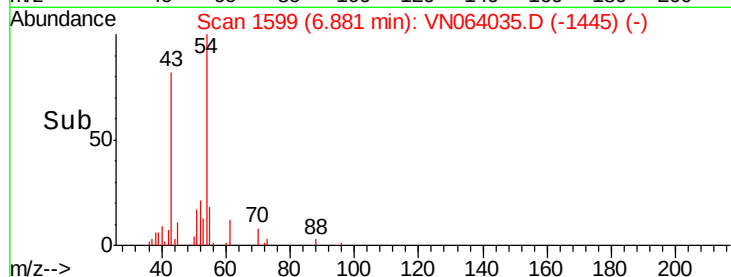
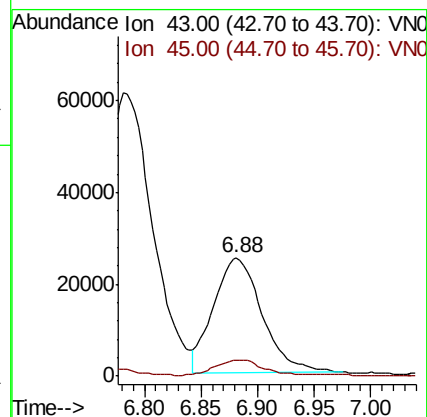
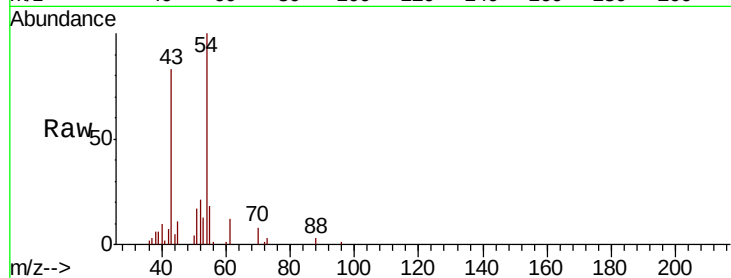
VN1009WBSD01

Tot Ion: 43 Resp: 75243

Ion Ratio Lower Upper

43 100

45 6.9 11.3 16.9#



#44

Isopropyl Acetate

Concen: 17.287 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064035.D

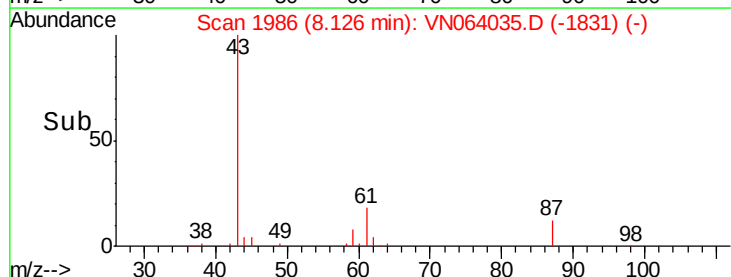
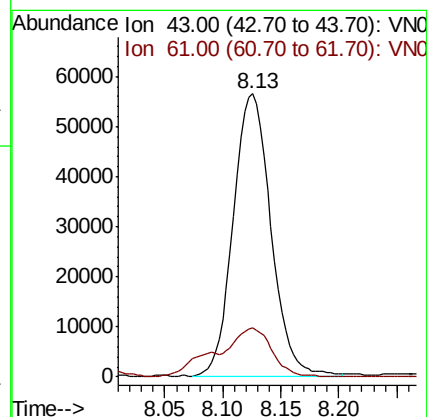
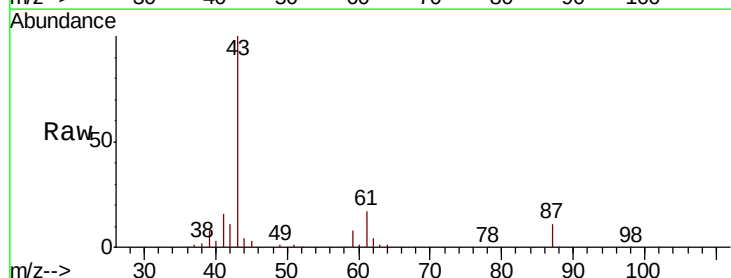
Acq: 9 Oct 2020 14:03

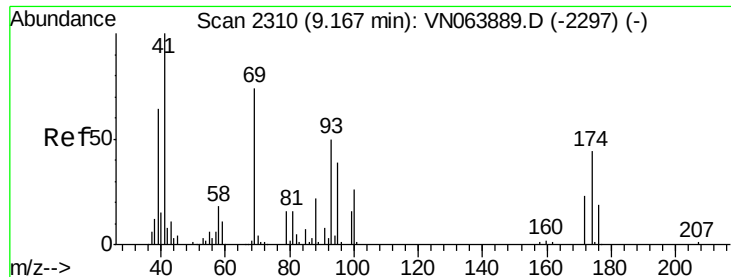
Tgt Ion: 43 Resp: 126857

Ion Ratio Lower Upper

43 100

61 17.1 17.5 26.3#

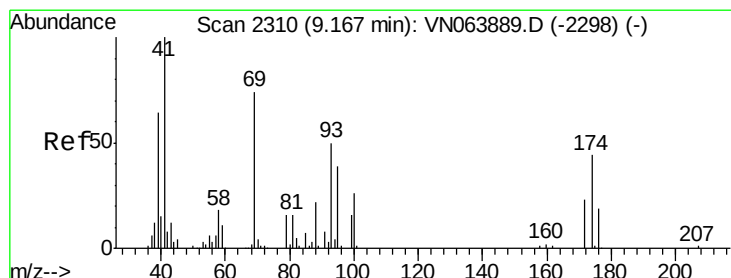
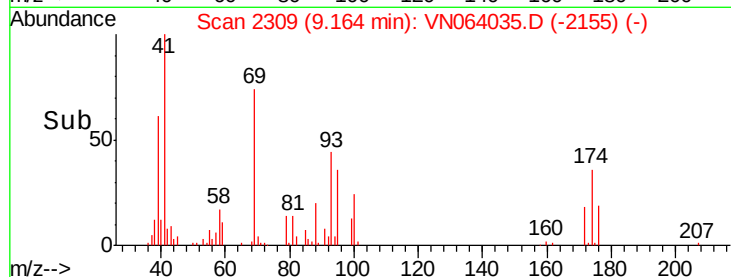
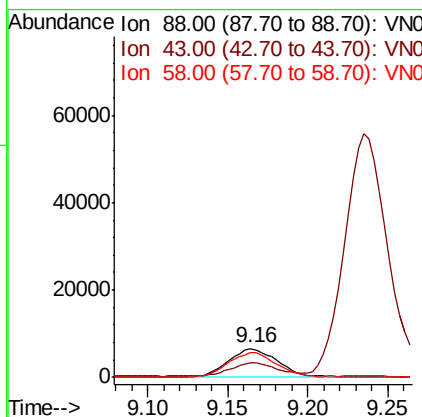
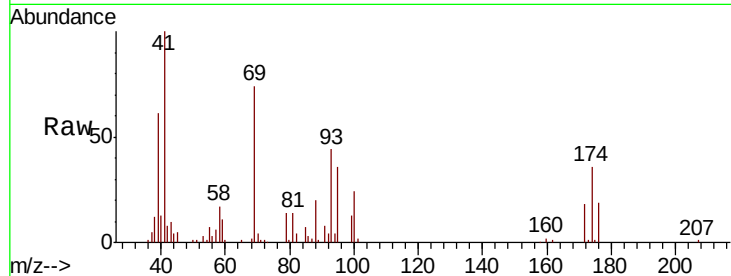




#45
1,4-Dioxane
Concen: 293.936 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

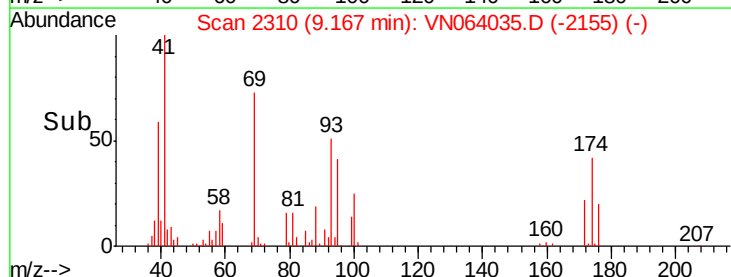
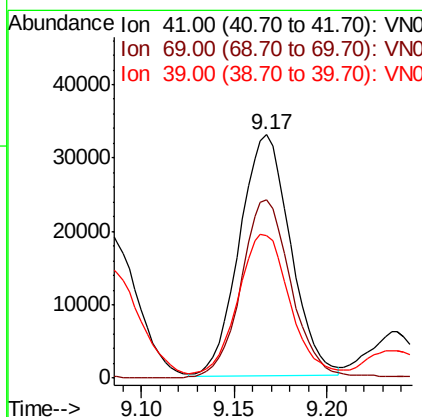
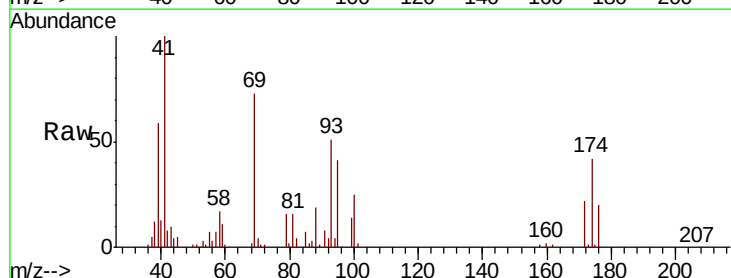
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD01

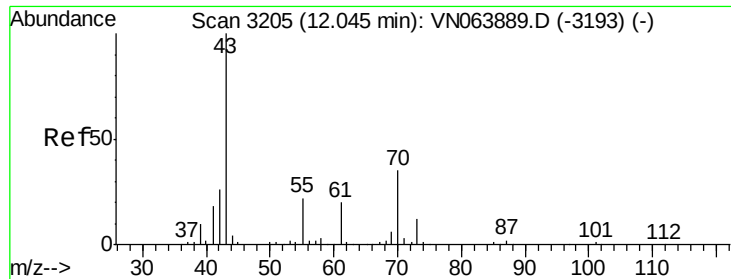
Tot Ion: 88 Resp: 13829
Ion Ratio Lower Upper
88 100
43 44.9 28.5 42.7#
58 85.4 59.6 89.4



#46
Methyl methacrylate
Concen: 17.243 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 41 Resp: 62954
Ion Ratio Lower Upper
41 100
69 73.6 42.6 128.0
39 57.7 25.1 75.4





#47

n-amyl Acetate

Concen: 15.973 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

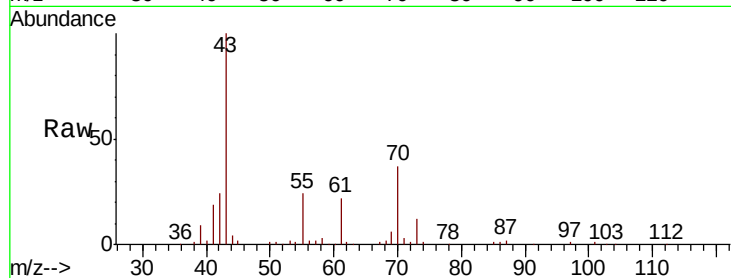
VN1009WBSD01

Tot Ion: 43 Resp: 104214

Ion Ratio Lower Upper

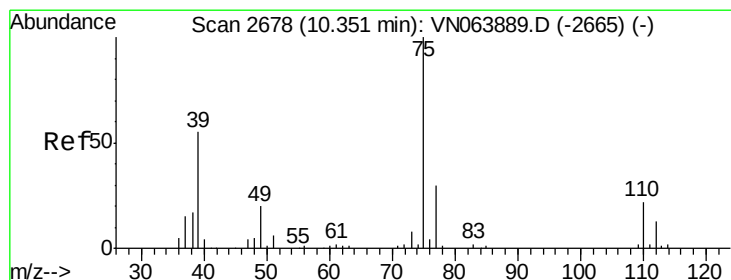
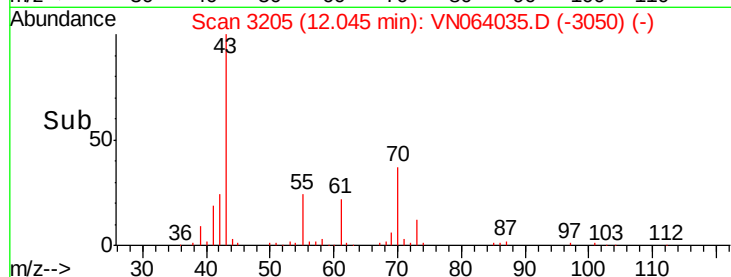
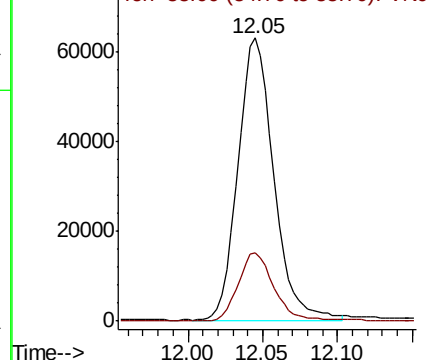
43 100

55 24.2 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 17.383 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064035.D

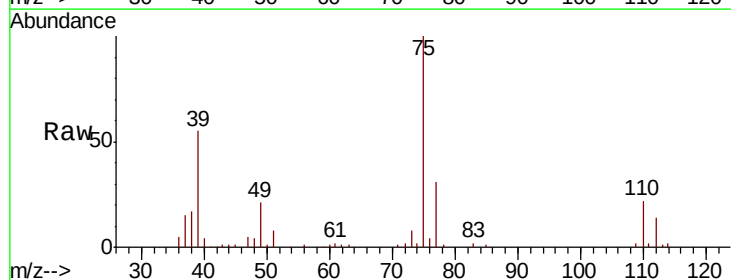
Acq: 9 Oct 2020 14:03

Tgt Ion: 75 Resp: 88803

Ion Ratio Lower Upper

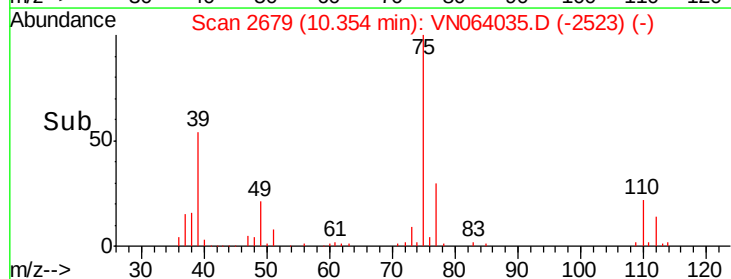
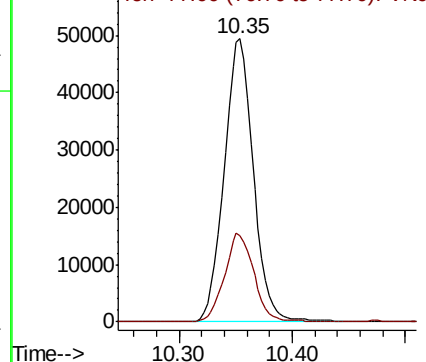
75 100

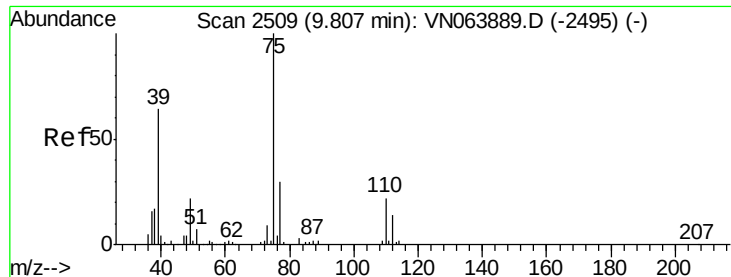
77 30.5 23.8 35.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 18.163 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

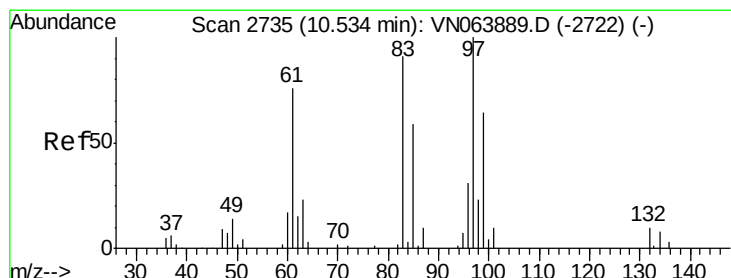
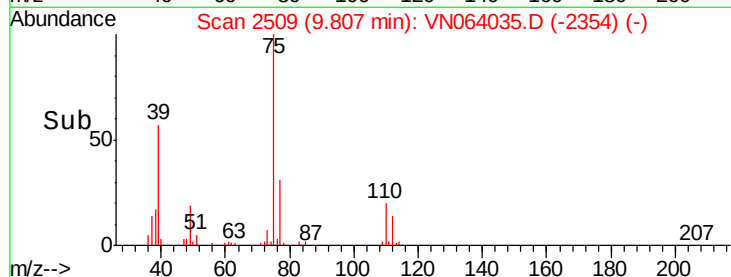
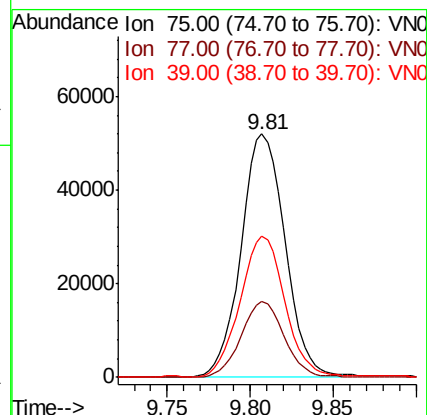
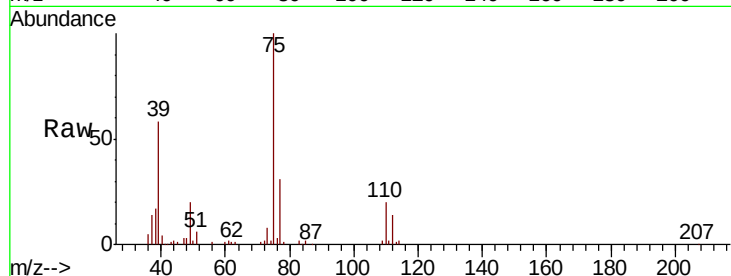
Tot Ion: 75 Resp: 96220

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 57.7 34.5 51.7#



#50

1,1,2-Trichloroethane

Concen: 17.778 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion: 97 Resp: 53997

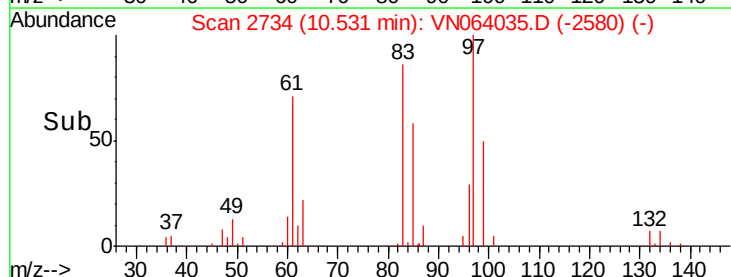
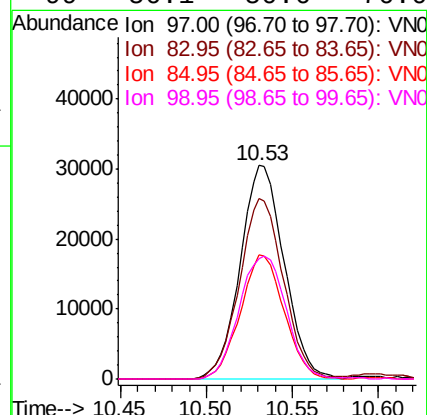
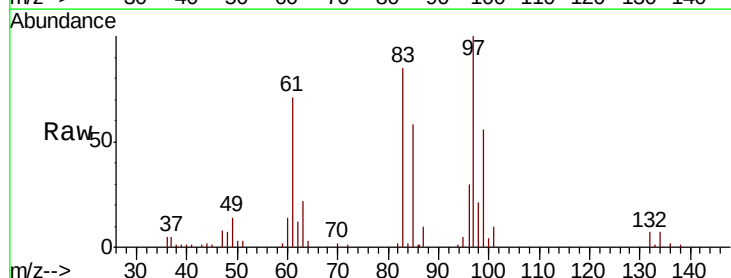
Ion Ratio Lower Upper

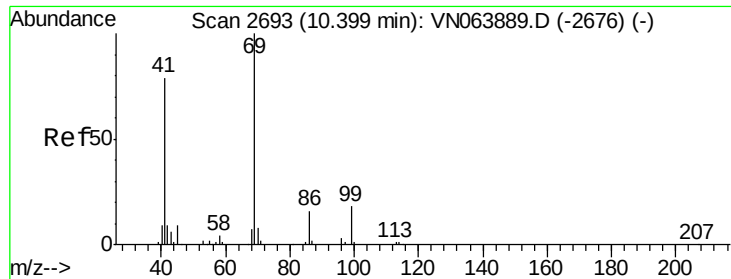
97 100

83 84.8 69.9 104.9

85 57.9 44.0 66.0

99 56.1 50.6 76.0





#51

Ethyl methacrylate

Concen: 16.984 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

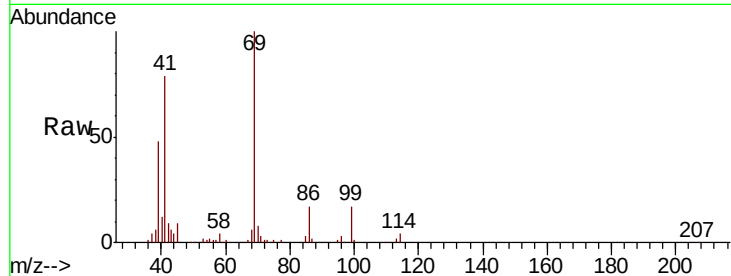
Tot Ion: 69 Resp: 74825

Ion Ratio Lower Upper

69 100

41 78.2 32.1 96.5

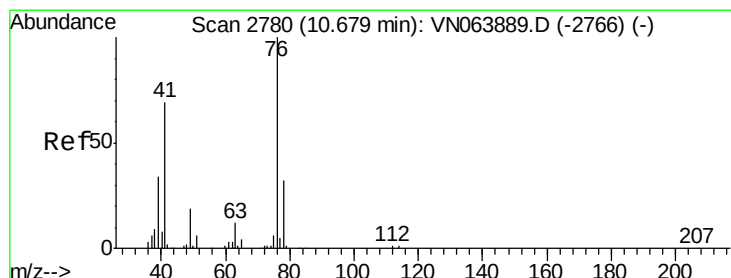
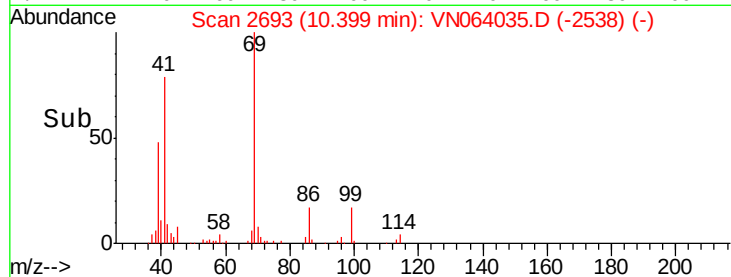
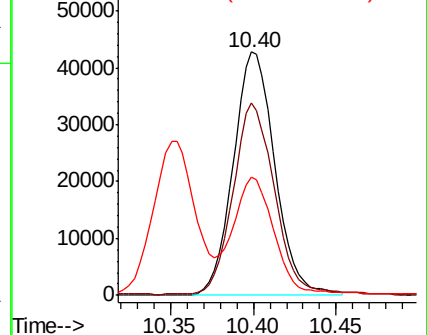
39 47.3 16.1 48.3



Abundance Ion 69.00 (68.70 to 69.70): VN064035.D (-2538) (-)

Ion 41.00 (40.70 to 41.70): VN064035.D (-2538) (-)

Ion 39.00 (38.70 to 39.70): VN064035.D (-2538) (-)



#52

1,3-Dichloropropane

Concen: 18.203 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064035.D

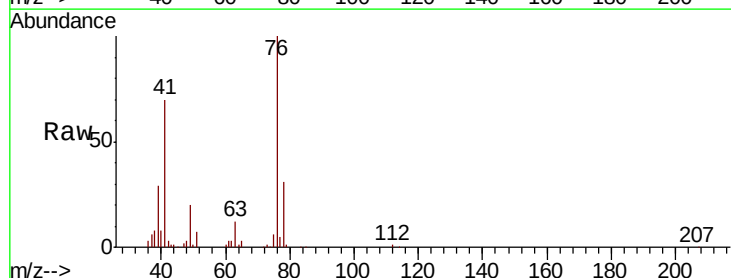
Acq: 9 Oct 2020 14:03

Tgt Ion: 76 Resp: 94704

Ion Ratio Lower Upper

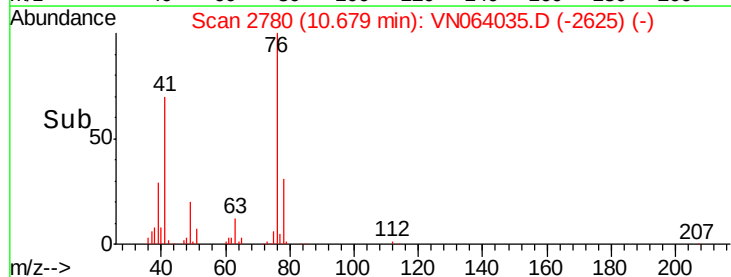
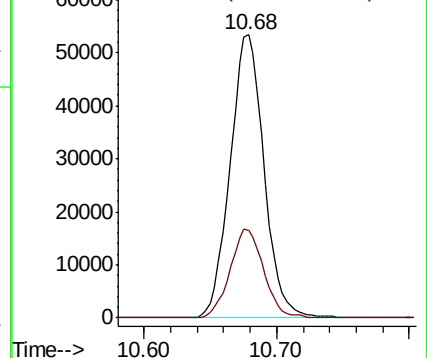
76 100

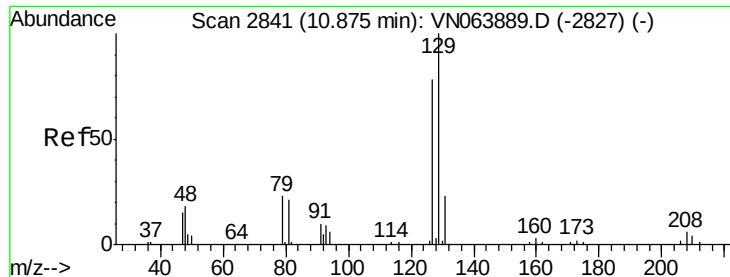
78 31.0 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN064035.D (-2625) (-)

Ion 78.00 (77.70 to 78.70): VN064035.D (-2625) (-)





#53

Dibromochloromethane

Concen: 17.260 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

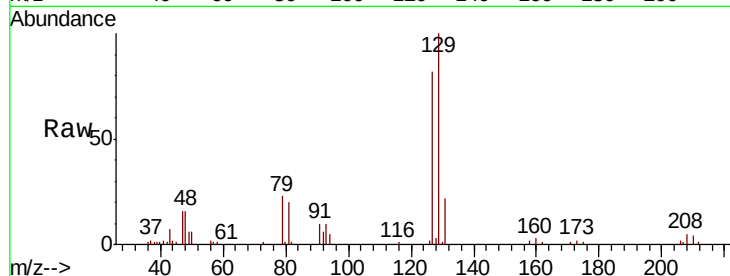
VN1009WBSD01

Tot Ion:129 Resp: 60336

Ion Ratio Lower Upper

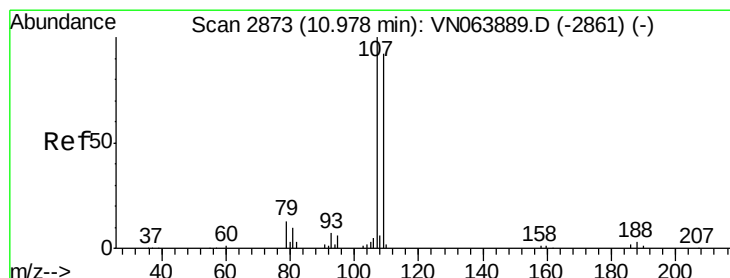
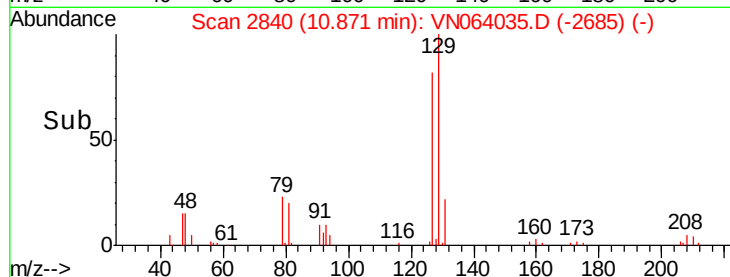
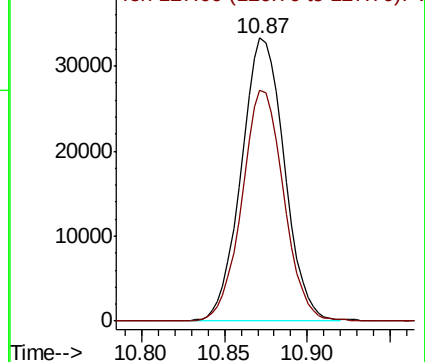
129 100

127 79.0 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.314 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064035.D

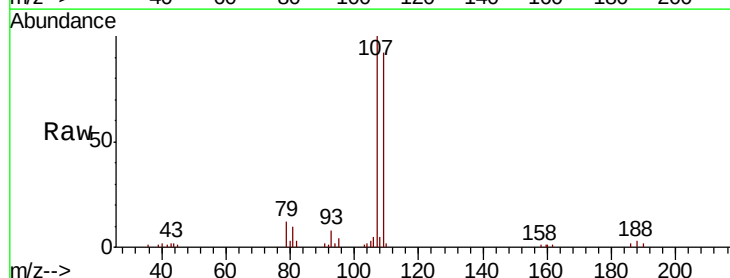
Acq: 9 Oct 2020 14:03

Tgt Ion:107 Resp: 55135

Ion Ratio Lower Upper

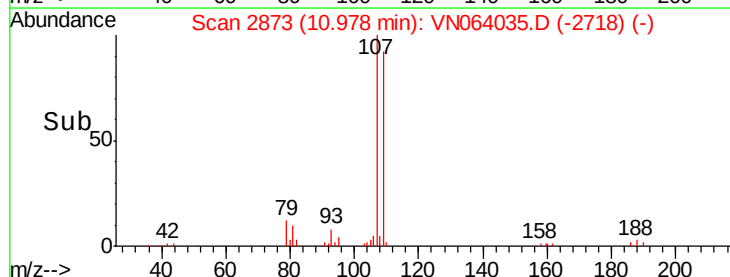
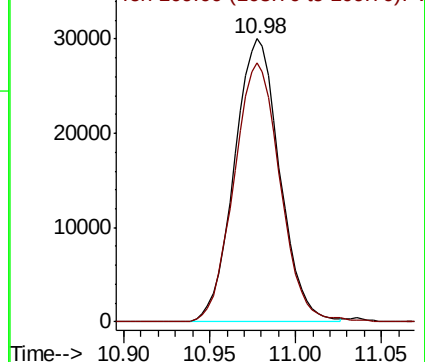
107 100

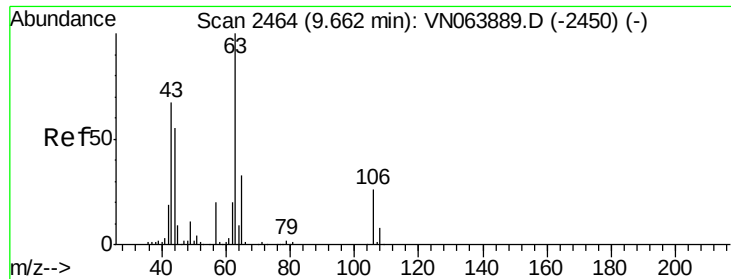
109 93.0 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

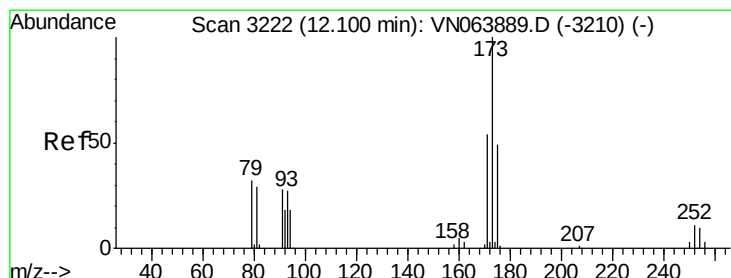
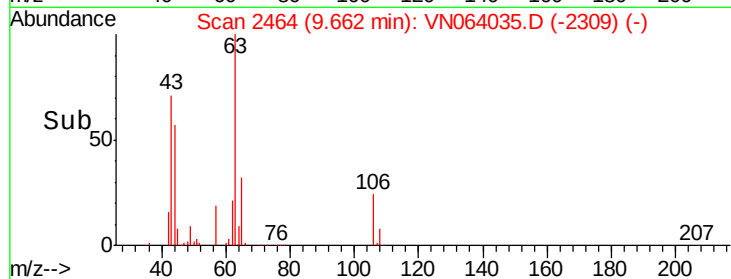
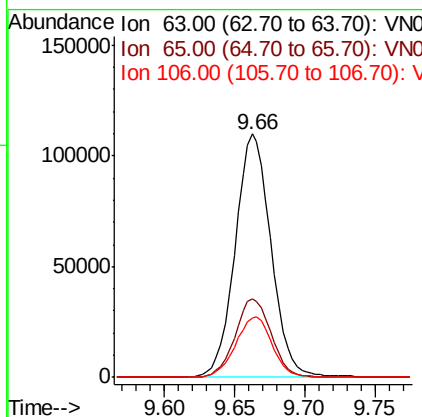
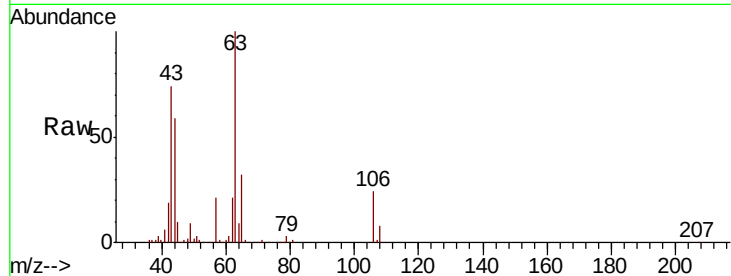




#55
 2-Chloroethyl vinyl ether
 Concen: 83.175 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

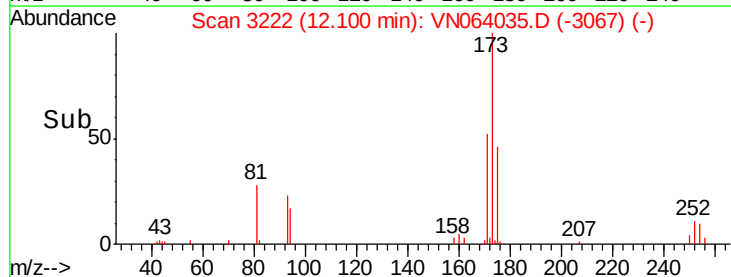
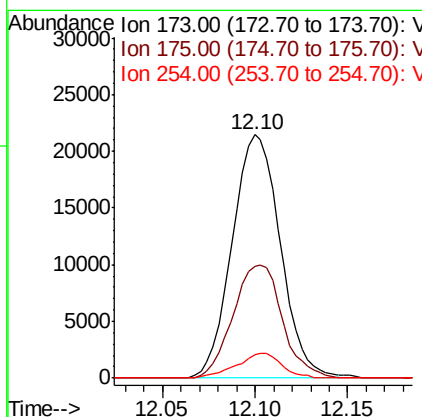
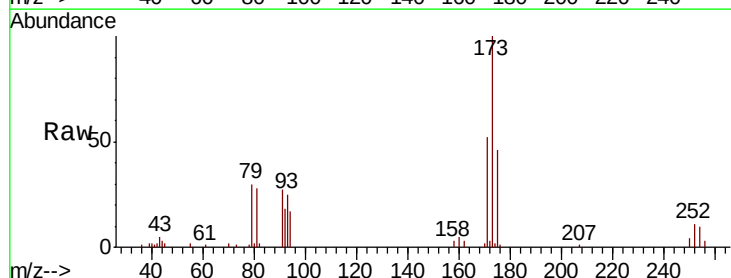
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

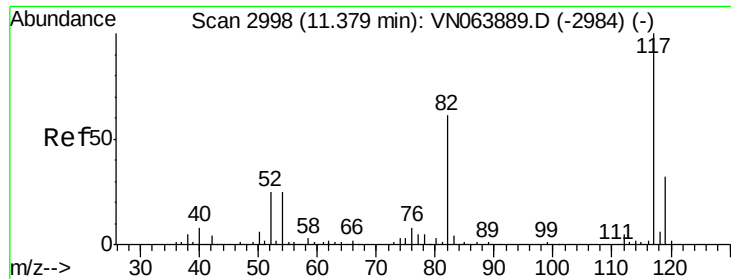
Tot Ion: 63 Resp: 195537
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.9 38.9
 106 25.3 19.9 29.9



#56
 Bromoform
 Concen: 16.003 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 173 Resp: 38763
 Ion Ratio Lower Upper
 173 100
 175 47.5 41.2 61.8
 254 9.7 9.0 13.4

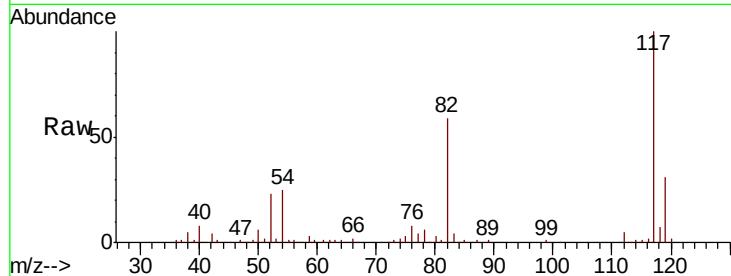




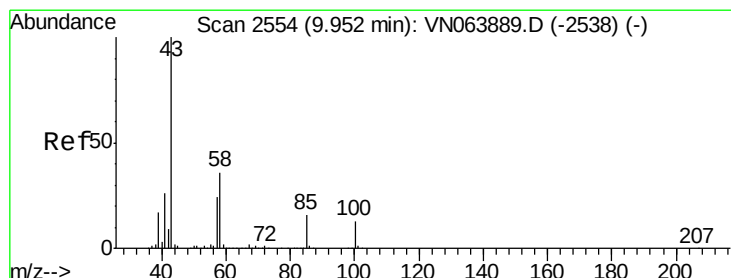
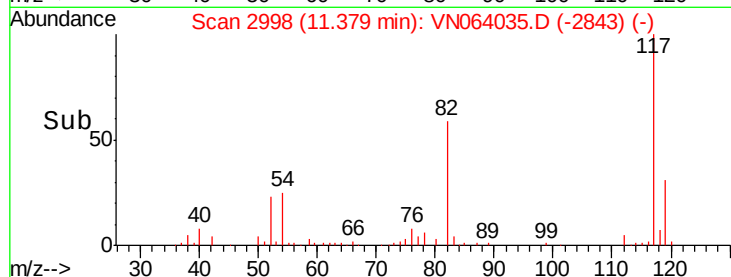
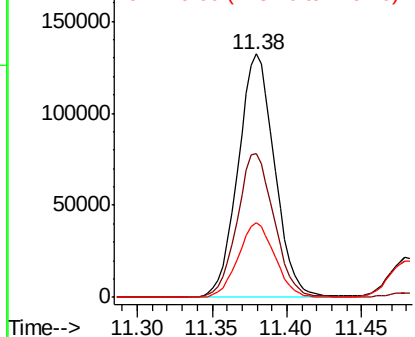
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD01

Tot Ion:117 Resp: 225255
Ion Ratio Lower Upper
117 100
82 59.5 44.9 67.3
119 30.6 26.0 39.0

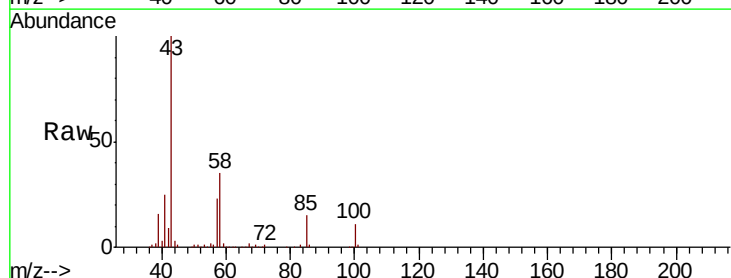


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

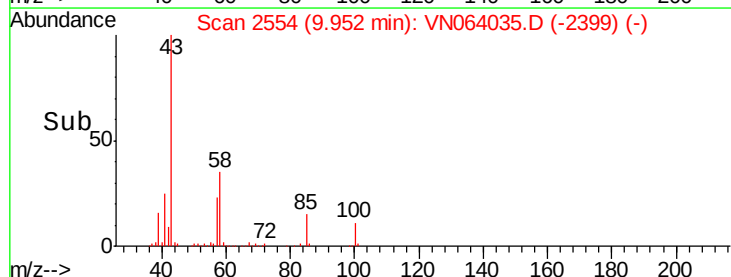
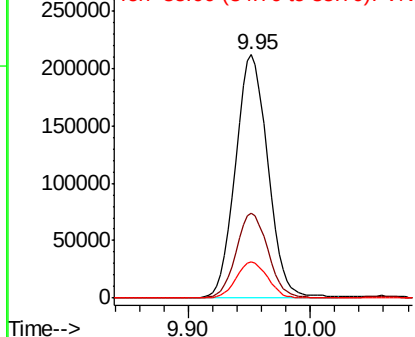


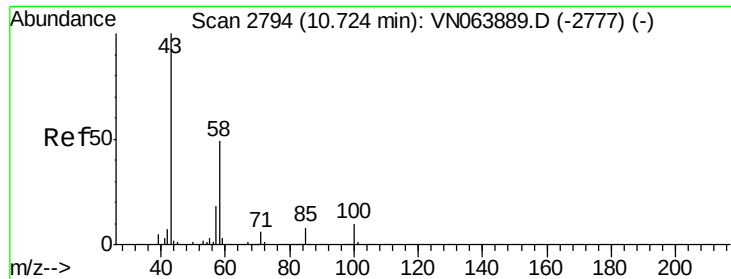
#58
4-Methyl-2-Pentanone
Concen: 88.777 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 43 Resp: 388101
Ion Ratio Lower Upper
43 100
58 34.6 31.4 47.0
85 14.5 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

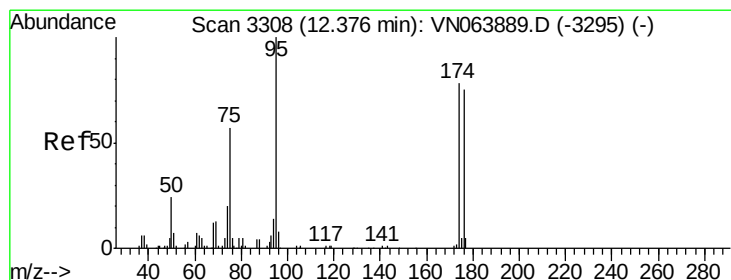
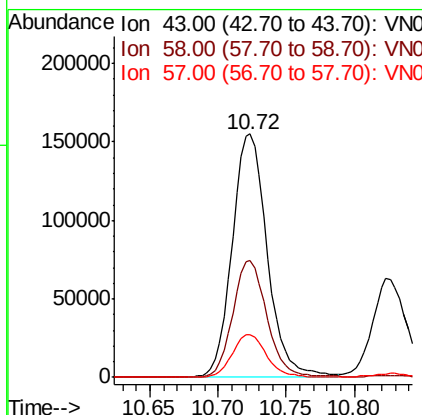
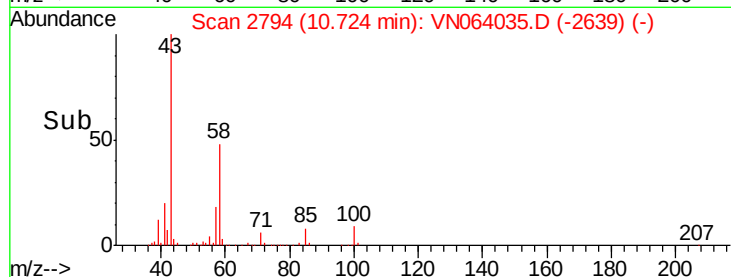
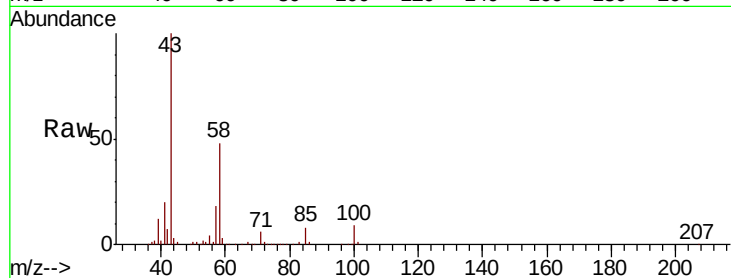




#59
2-Hexanone
Concen: 84.738 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

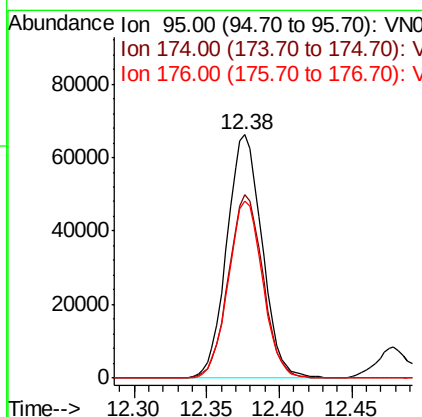
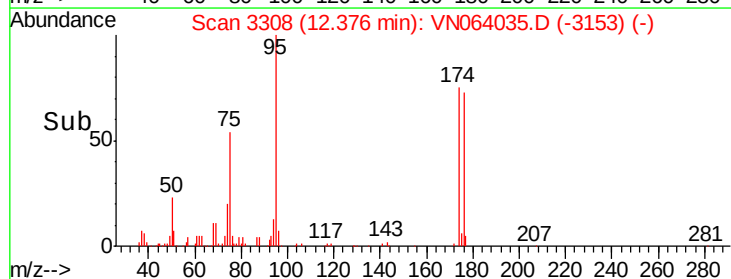
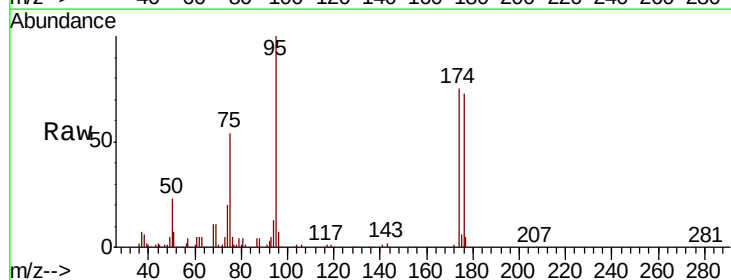
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

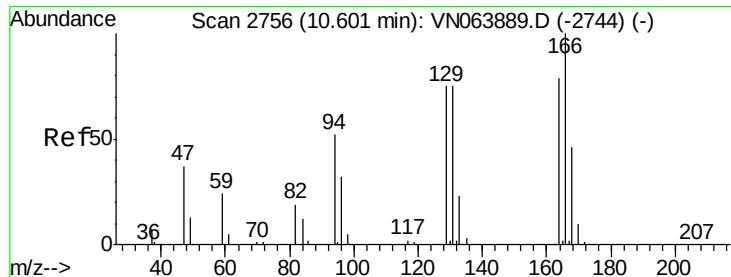
Tot Ion: 43 Resp: 275924
Ion Ratio Lower Upper
43 100
58 47.1 42.6 64.0
57 17.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.037 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 95 Resp: 111855
Ion Ratio Lower Upper
95 100
174 73.7 70.1 105.1
176 71.2 66.8 100.2

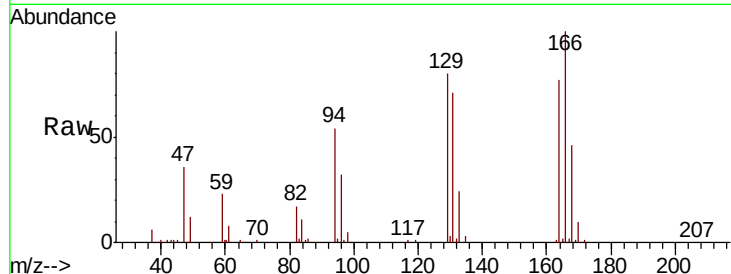




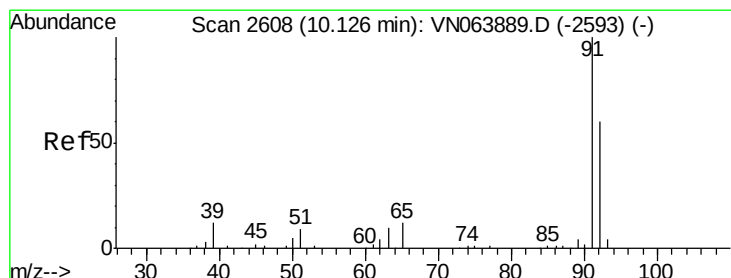
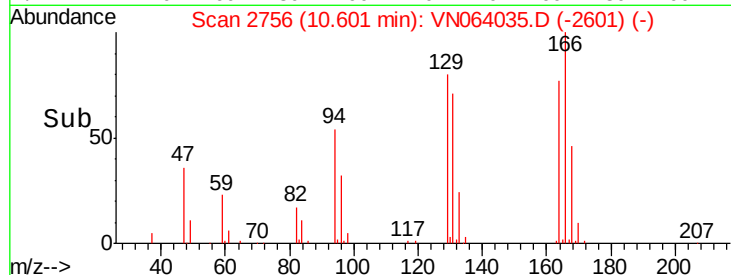
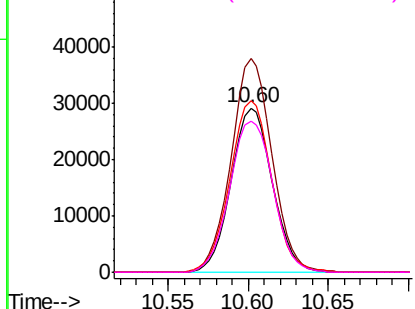
#61
Tetrachloroethene
Concen: 17.903 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion:164 Resp: 51160
Ion Ratio Lower Upper
164 100
166 130.4 100.1 150.1
129 104.5 72.5 108.7
131 92.1 68.4 102.6

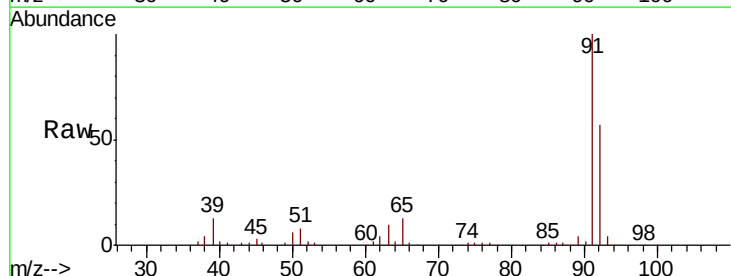


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

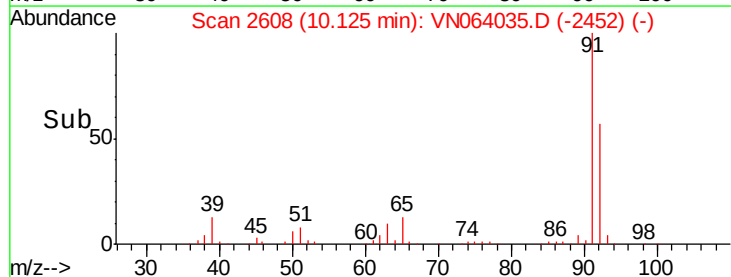
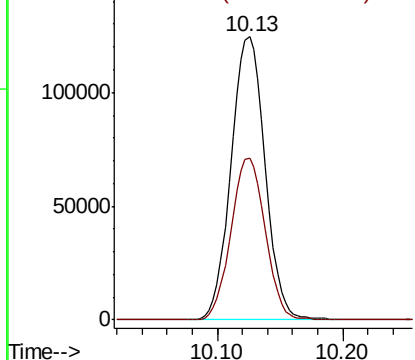


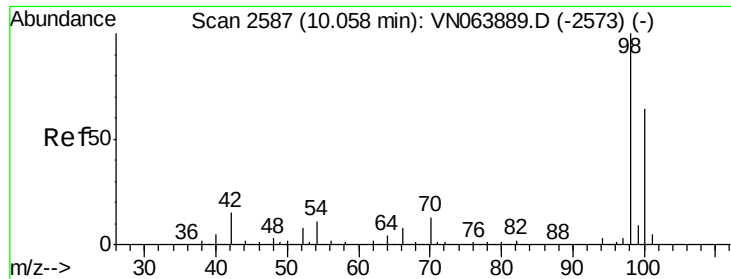
#62
Toluene
Concen: 18.167 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 91 Resp: 235026
Ion Ratio Lower Upper
91 100
92 57.5 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.351 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

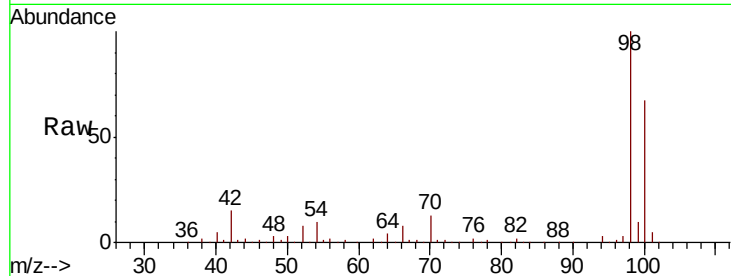
VN1009WBSD01

Tot Ion: 98 Resp: 309835

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN063889.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN063889.D (-2573) (-)

10.06

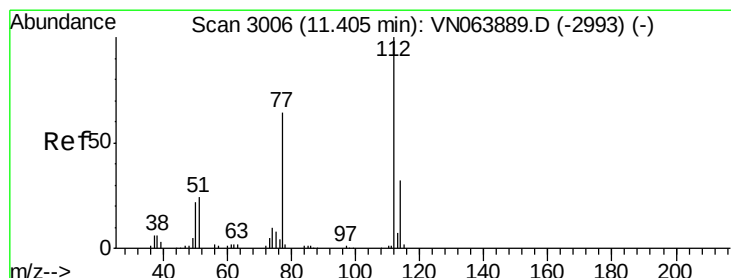
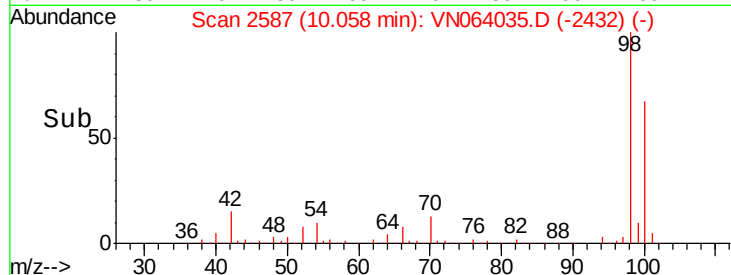
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 17.845 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064035.D

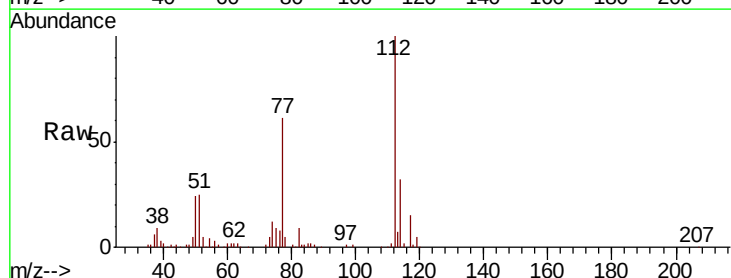
Acq: 9 Oct 2020 14:03

Tgt Ion: 112 Resp: 139927

Ion Ratio Lower Upper

112 100

114 32.3 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN063889.D (-2993) (-)

Ion 114.00 (113.70 to 114.70): VN063889.D (-2993) (-)

11.41

80000

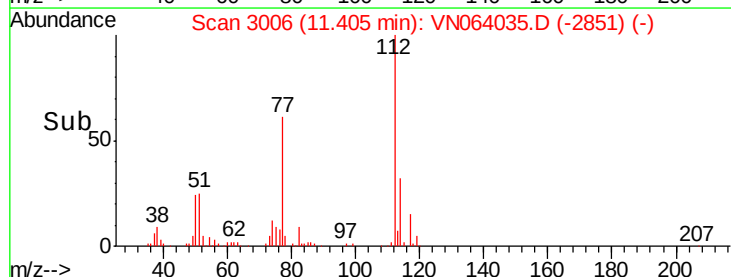
60000

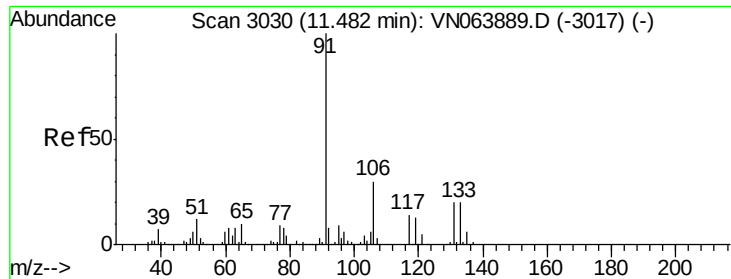
40000

20000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.195 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

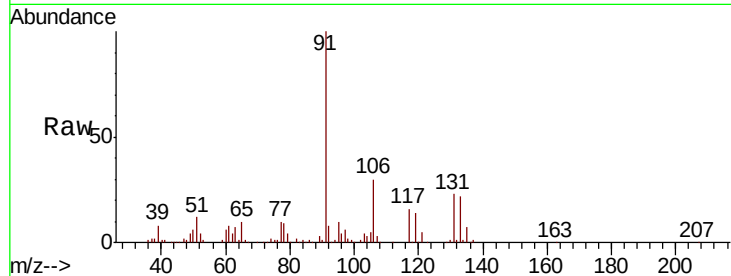
Tot Ion:131 Resp: 55798

Ion Ratio Lower Upper

131 100

133 93.0 0.0 191.2

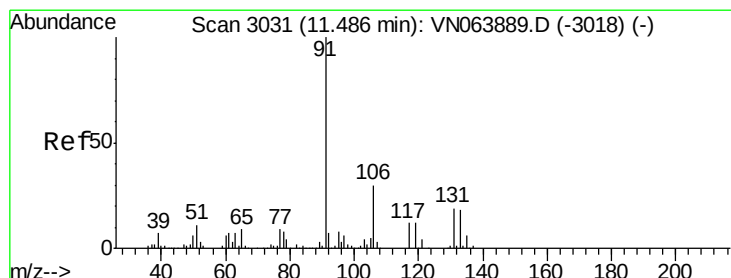
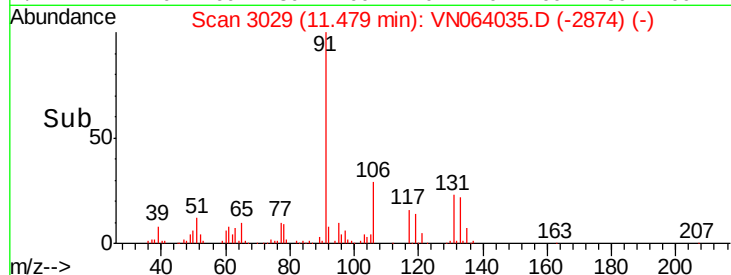
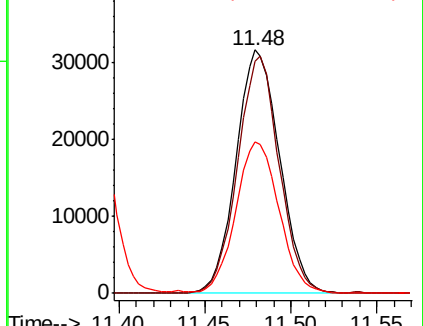
119 61.9 0.0 134.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.506 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064035.D

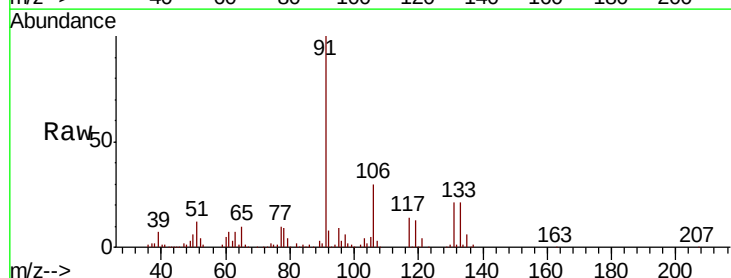
Acq: 9 Oct 2020 14:03

Tgt Ion: 91 Resp: 248705

Ion Ratio Lower Upper

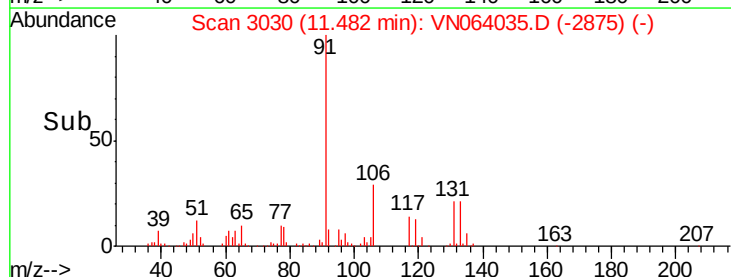
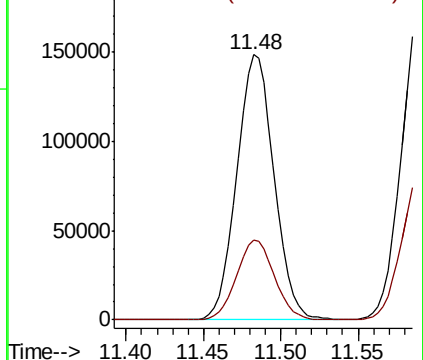
91 100

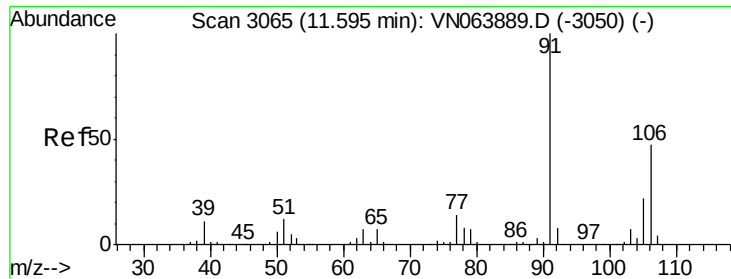
106 30.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

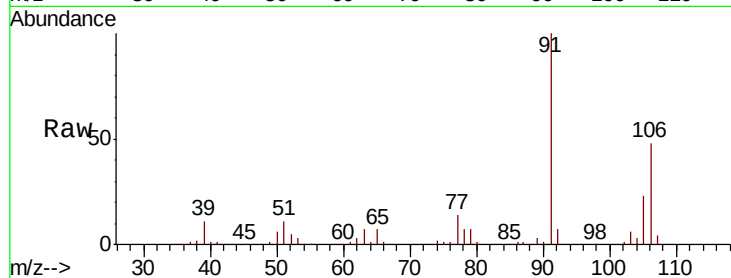




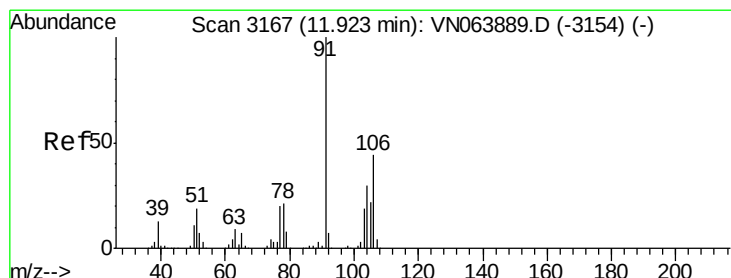
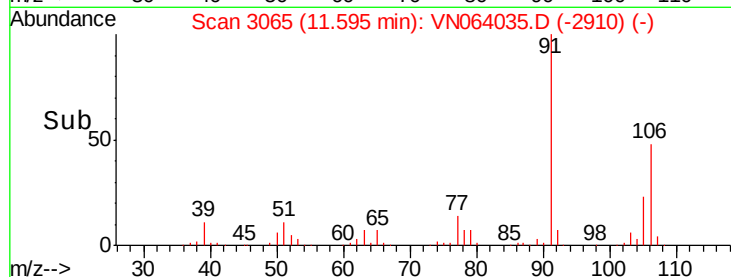
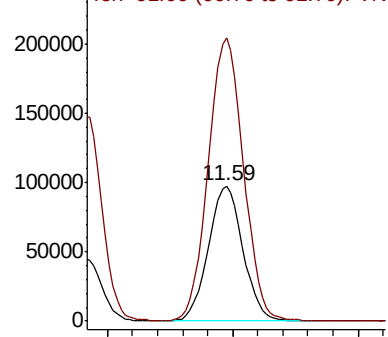
#67
m/p-Xylenes
Concen: 35.364 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion:106 Resp: 186830
Ion Ratio Lower Upper
106 100
91 212.1 164.9 247.3

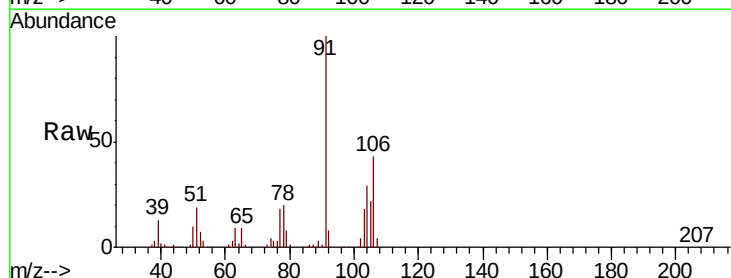


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

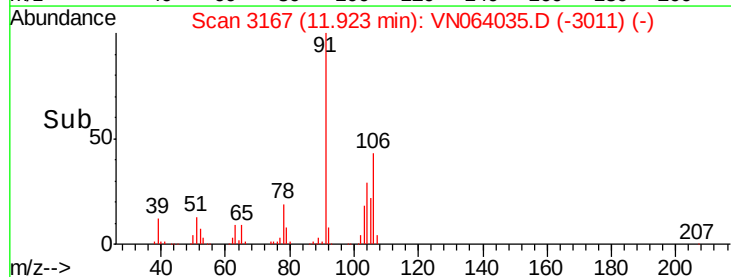
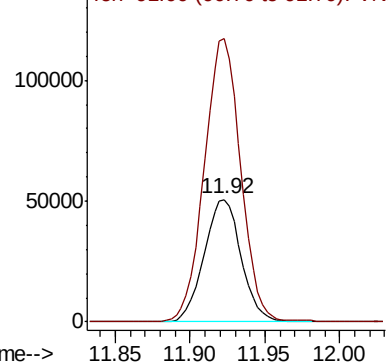


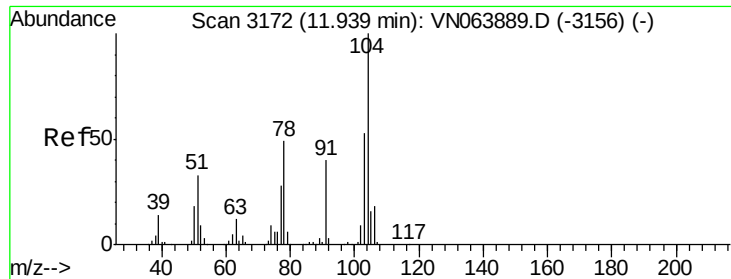
#68
o-Xylene
Concen: 17.345 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion:106 Resp: 87304
Ion Ratio Lower Upper
106 100
91 227.7 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

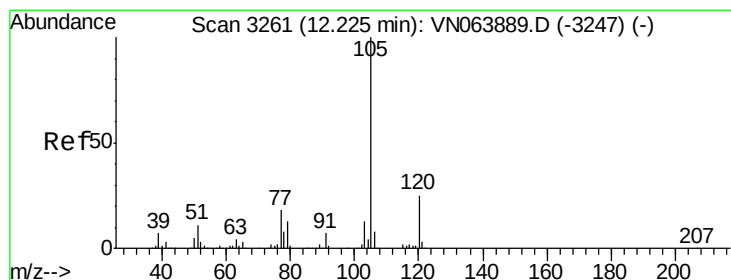
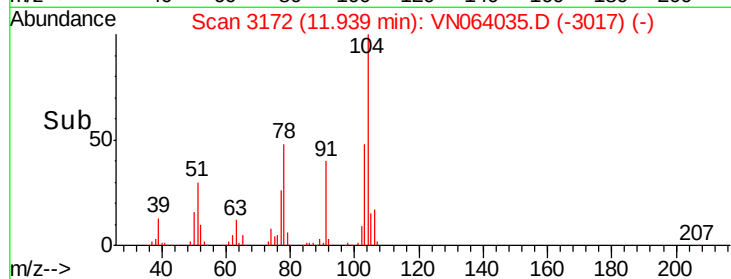
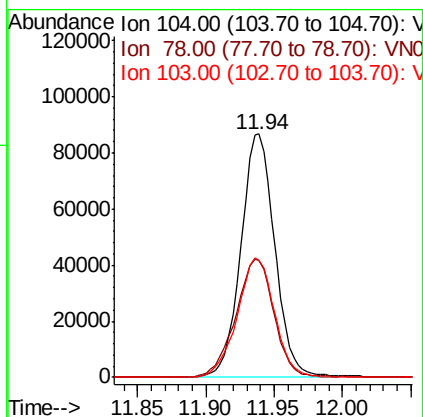
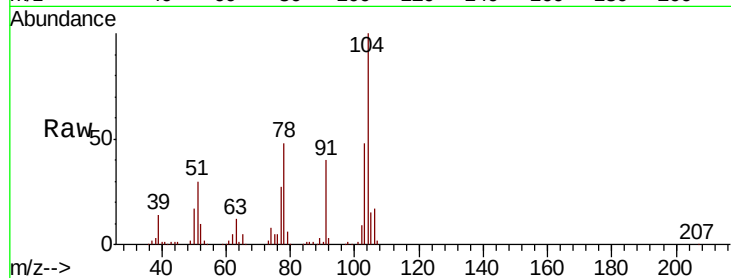




#69
Stvrene
Concen: 17.445 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

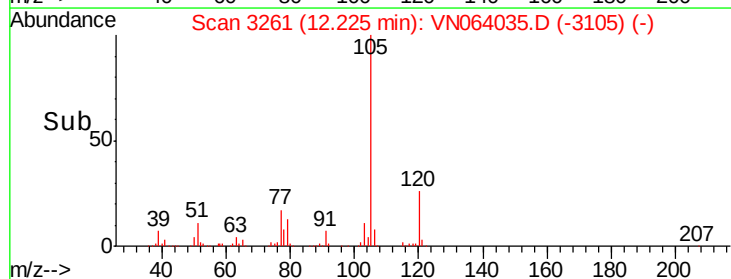
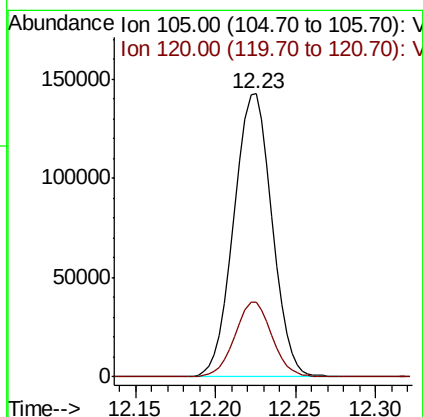
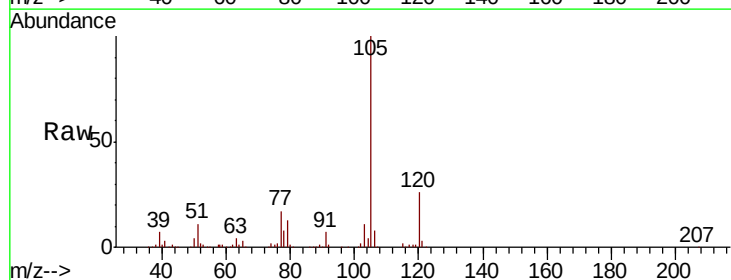
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD01

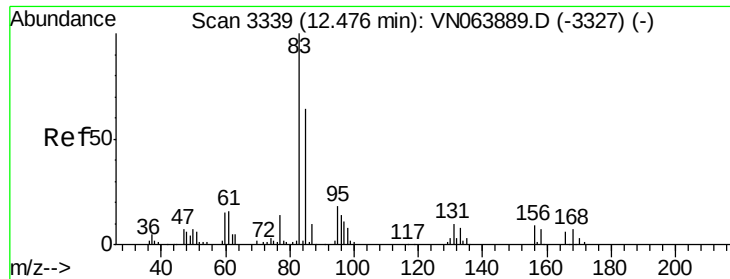
Tot Ion	Ratio	Lower	Upper
104	100		
78	54.8	39.6	59.4
103	53.6	44.4	66.6



#70
Isopropylbenzene
Concen: 17.362 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	18.5	34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 17.968 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

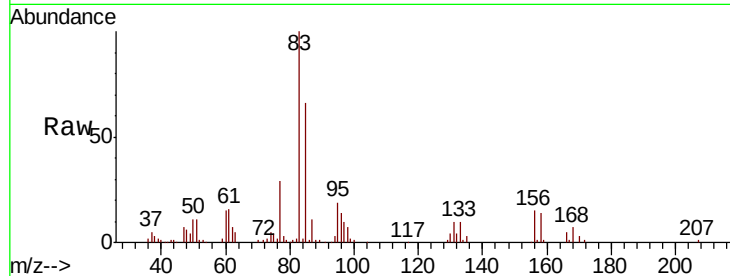
Tot Ion: 83 Resp: 75965

Ion Ratio Lower Upper

83 100

131 10.3 4.5 13.7

85 64.2 31.8 95.3

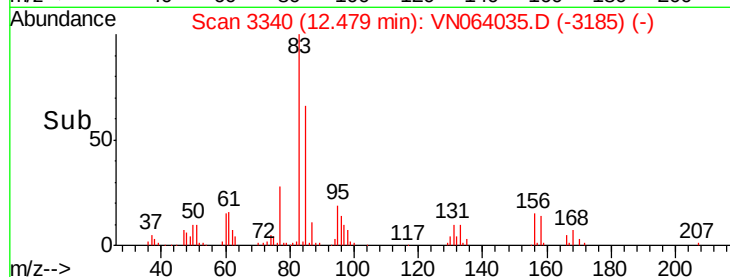


Abundance Ion 83.00 (82.70 to 83.70): VN064035.D (-3327) (-)

Ion 131.00 (130.70 to 131.70): VN064035.D (-3327) (-)

Ion 85.00 (84.70 to 85.70): VN064035.D (-3327) (-)

Time-->

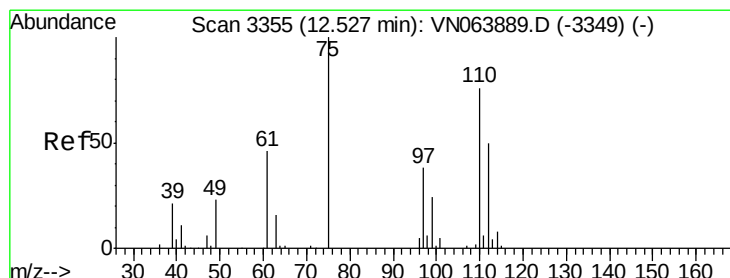


Abundance Ion 83.00 (82.70 to 83.70): VN064035.D (-3185) (-)

Ion 131.00 (130.70 to 131.70): VN064035.D (-3185) (-)

Ion 85.00 (84.70 to 85.70): VN064035.D (-3185) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 23.821 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064035.D

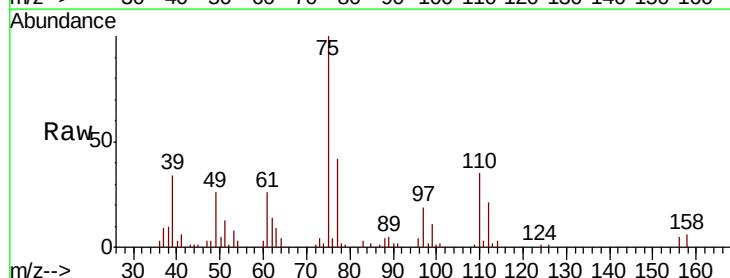
Acq: 9 Oct 2020 14:03

Tgt Ion: 75 Resp: 102690

Ion Ratio Lower Upper

75 100

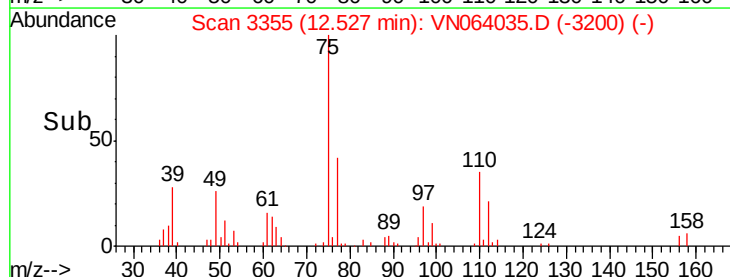
77 127.9 0.0 387.8



Abundance Ion 75.00 (74.70 to 75.70): VN064035.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064035.D (-3349) (-)

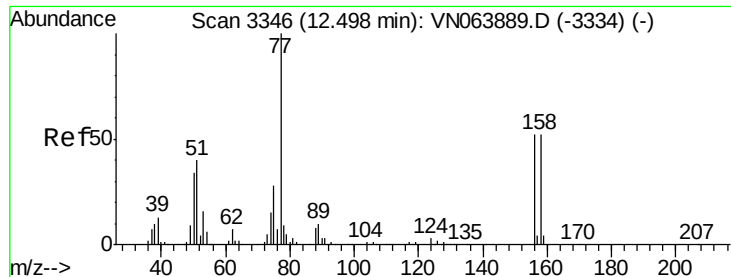
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VN064035.D (-3200) (-)

Ion 77.00 (76.70 to 77.70): VN064035.D (-3200) (-)

Time-->



#73

Bromobenzene

Concen: 17.277 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

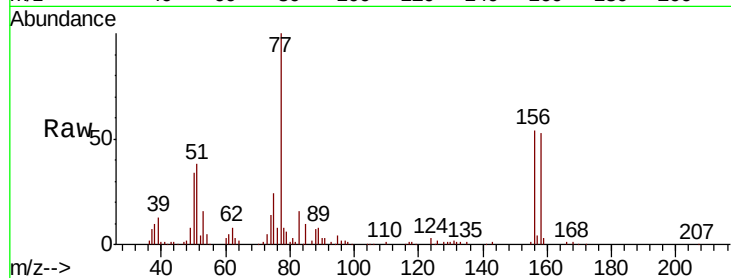
Tot Ion:156 Resp: 58567

Ion Ratio Lower Upper

156 100

77 224.3 0.0 398.6

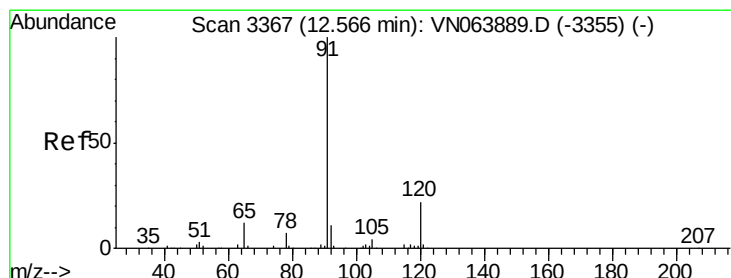
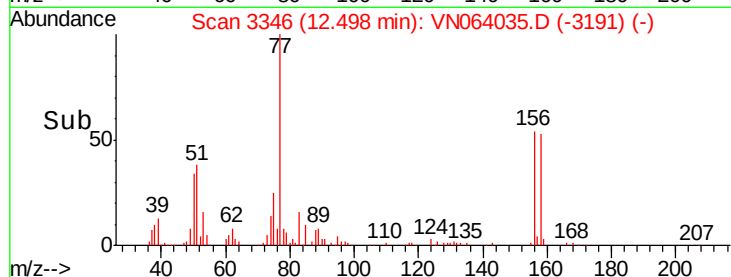
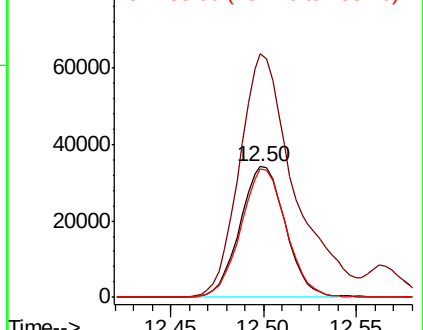
158 97.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.202 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064035.D

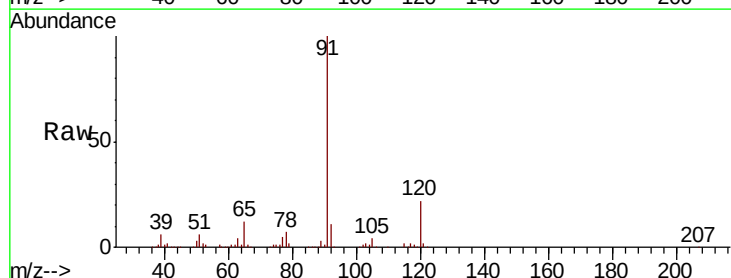
Acq: 9 Oct 2020 14:03

Tgt Ion: 91 Resp: 268947

Ion Ratio Lower Upper

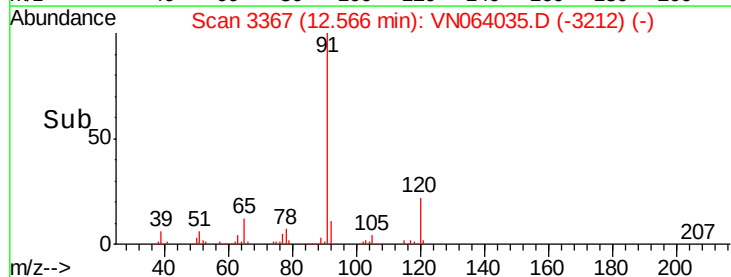
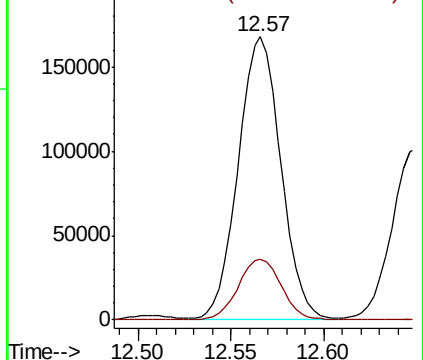
91 100

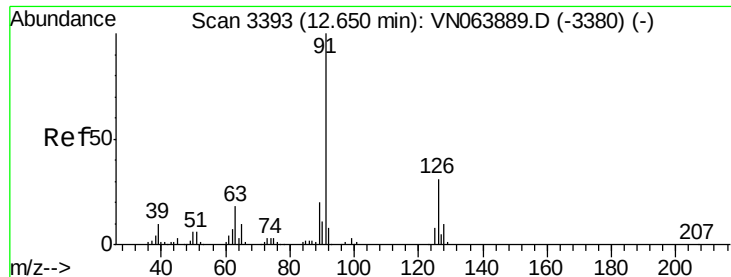
120 21.7 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.601 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

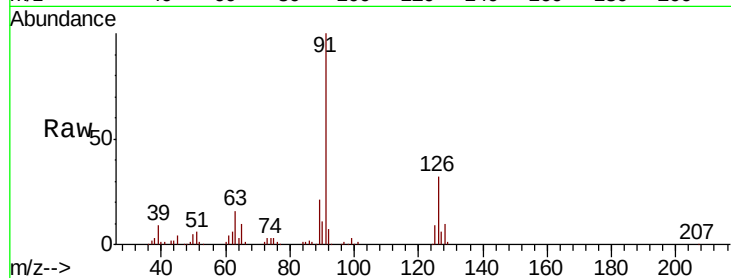
VN1009WBSD01

Tot Ion: 91 Resp: 167860

Ion Ratio Lower Upper

91 100

126 32.7 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN063889.D (-3380) (-)

150000

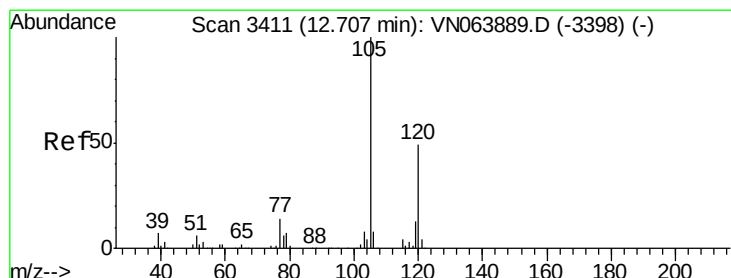
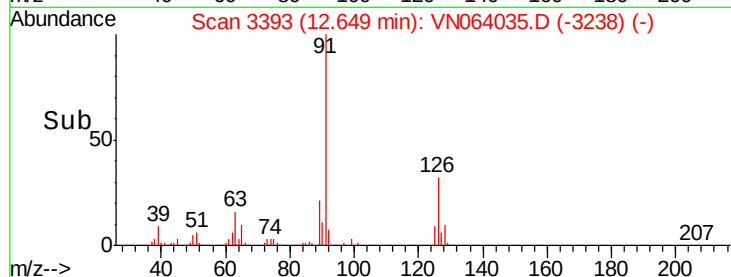
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.468 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064035.D

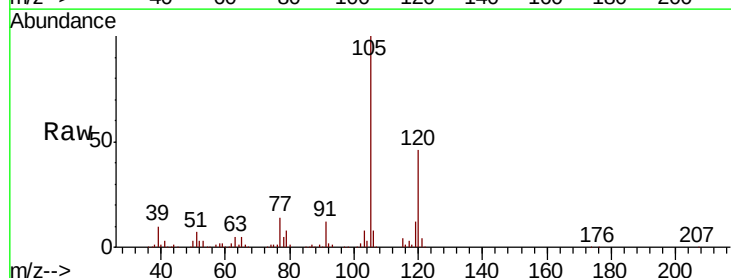
Acq: 9 Oct 2020 14:03

Tgt Ion: 105 Resp: 197013

Ion Ratio Lower Upper

105 100

120 45.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063889.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN063889.D (-3398) (-)

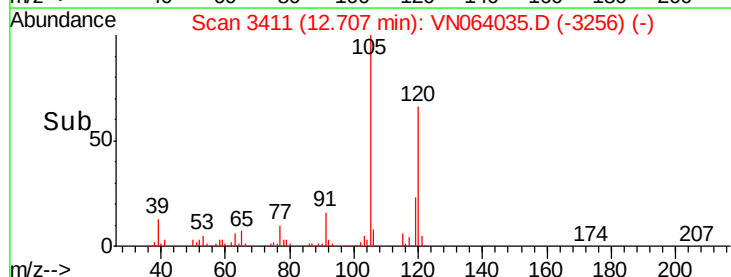
100000

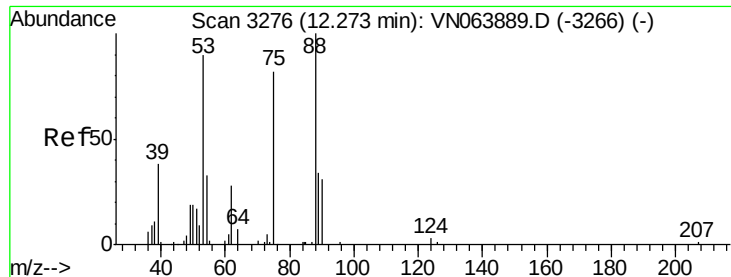
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 15.600 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

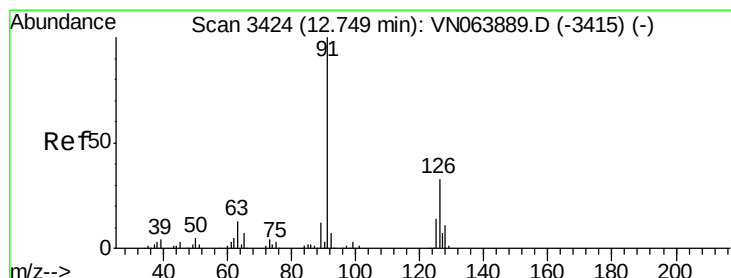
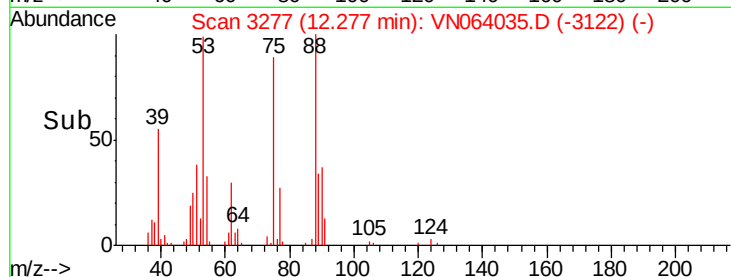
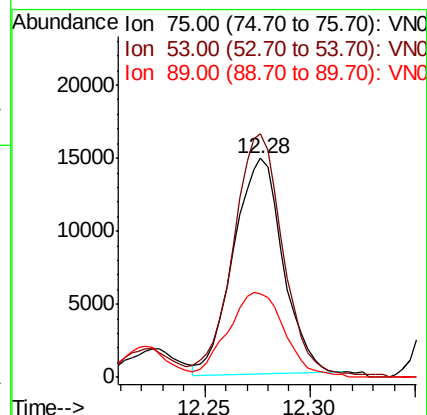
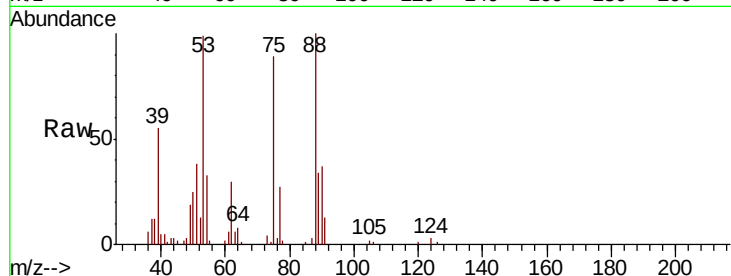
Tot Ion: 75 Resp: 23920

Ion Ratio Lower Upper

75 100

53 112.0 47.0 141.0

89 37.7 22.9 68.7



#78

4-Chlorotoluene

Concen: 17.264 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064035.D

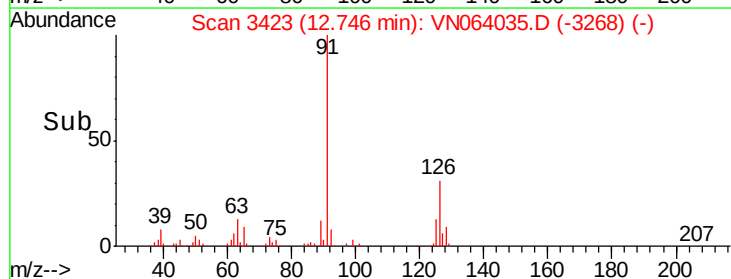
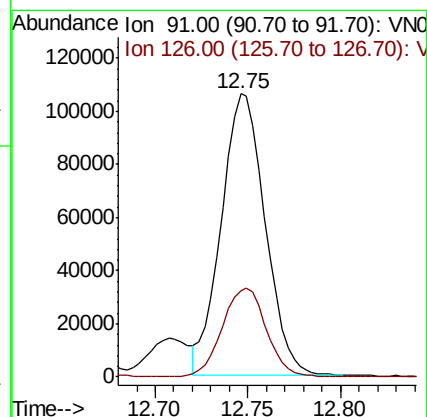
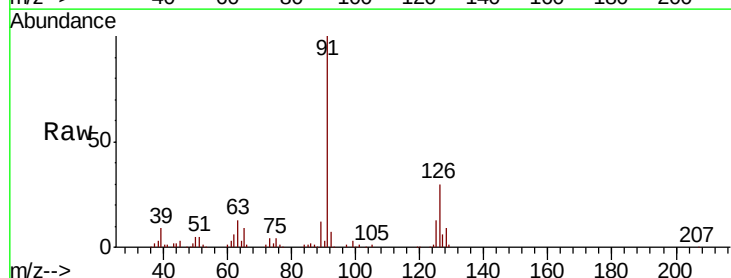
Acq: 9 Oct 2020 14:03

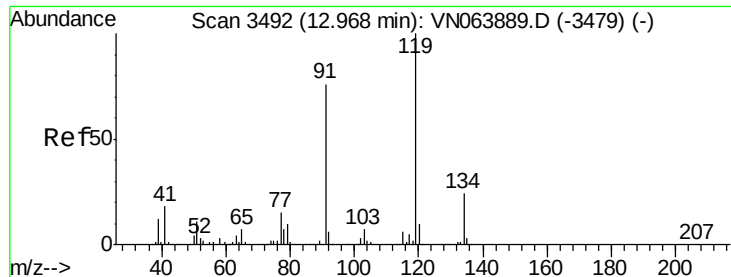
Tgt Ion: 91 Resp: 174346

Ion Ratio Lower Upper

91 100

126 31.7 0.0 65.0

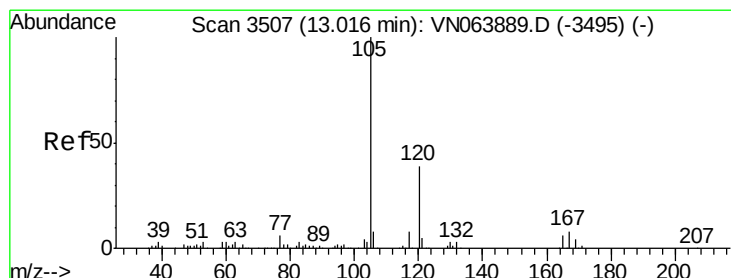
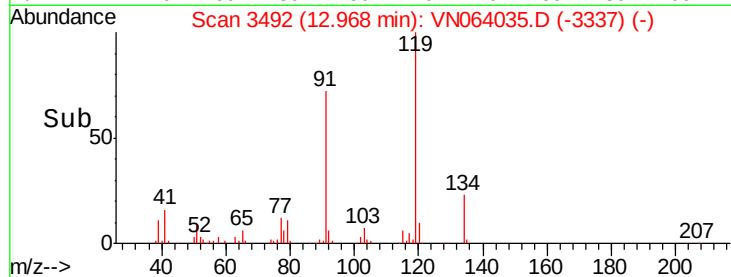
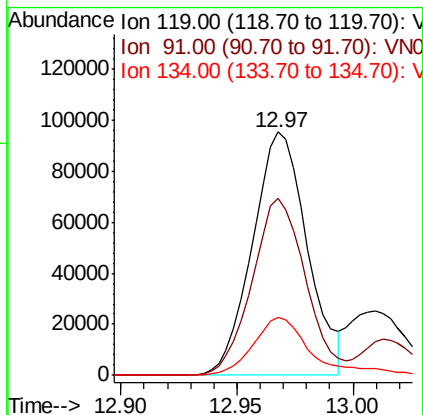
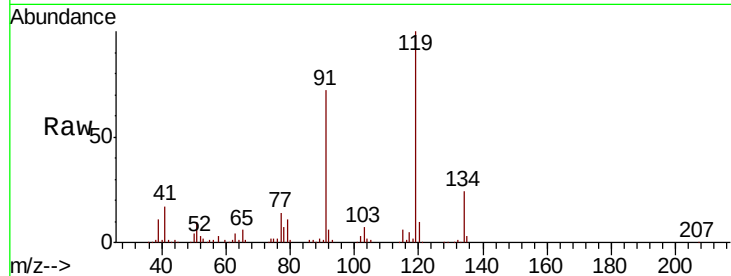




#79
 tert-butylbenzene
 Concen: 17.385 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

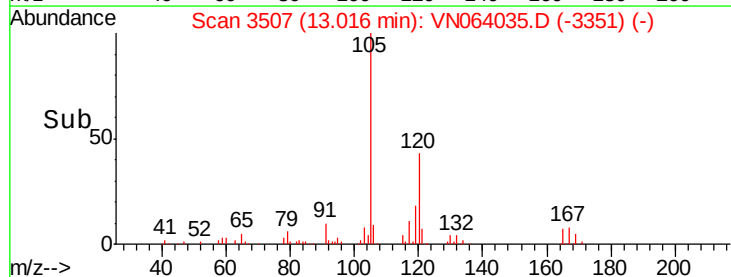
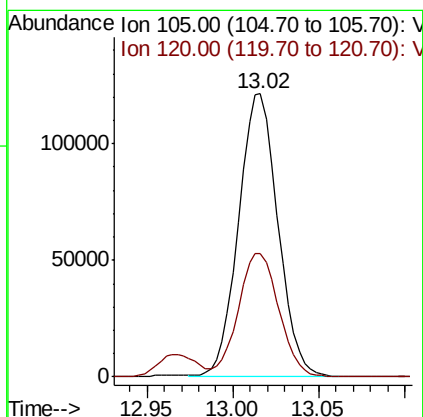
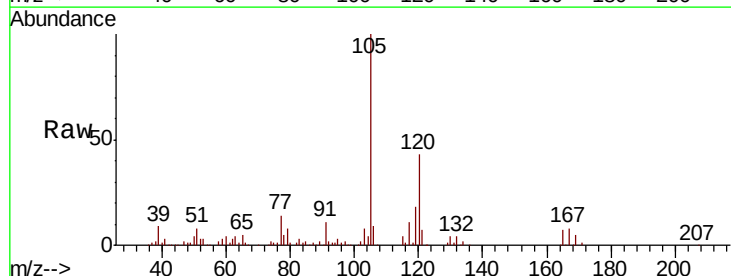
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

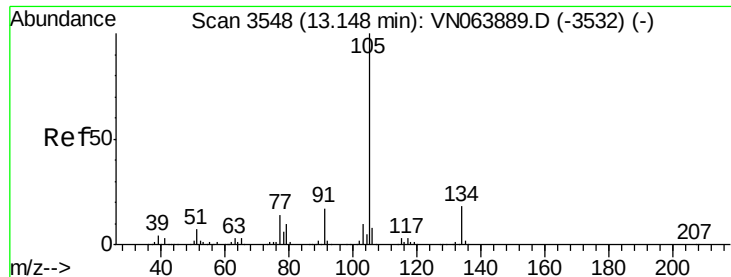
Tot Ion:119 Resp: 157089
 Ion Ratio Lower Upper
 119 100
 91 70.9 0.0 136.8
 134 25.7 0.0 48.8



#80
 1,2,4-Trimethylbenzene
 Concen: 16.991 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion:105 Resp: 192106
 Ion Ratio Lower Upper
 105 100
 120 45.1 0.0 90.4

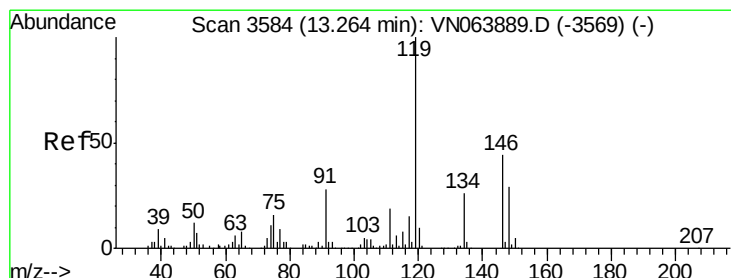
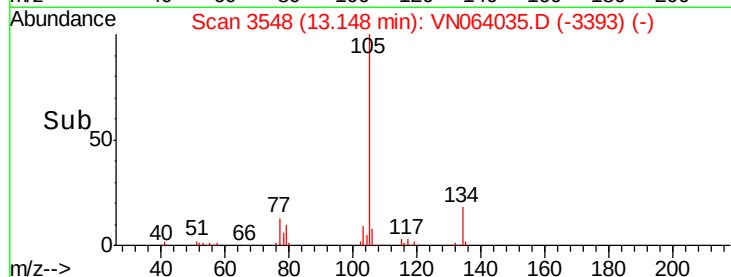
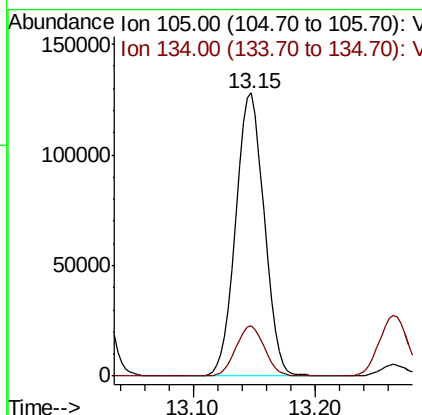
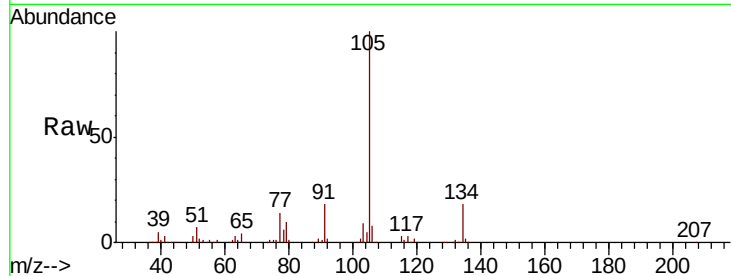




#81
 sec-Butylbenzene
 Concen: 17.447 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

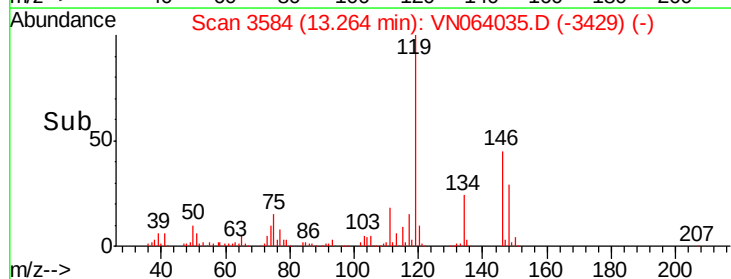
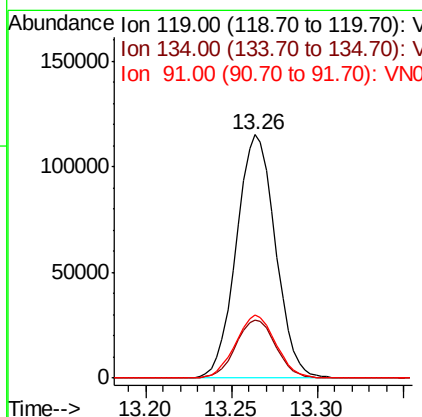
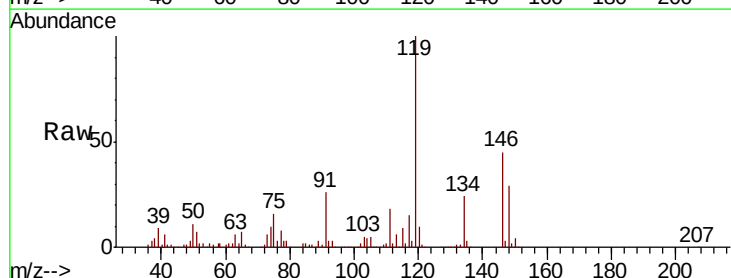
Instrument :
 MSVOA_N
 ClientSampled :
 VN1009WBSD01

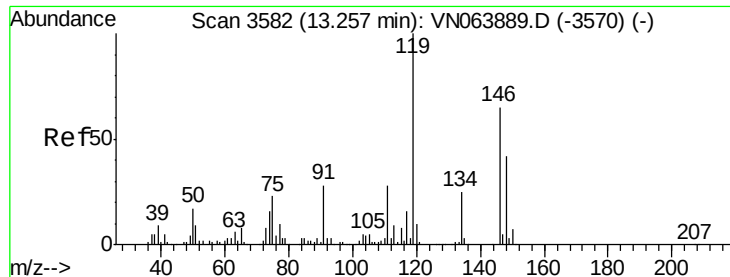
Tot Ion:105 Resp: 207211
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 16.888 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion:119 Resp: 181285
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 52.2
 91 26.9 0.0 46.2

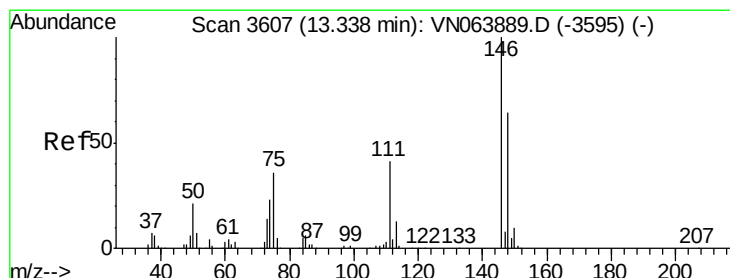
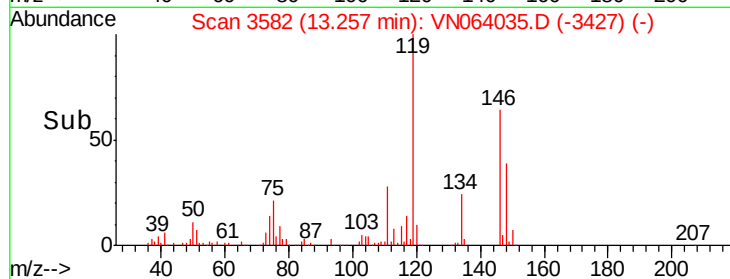
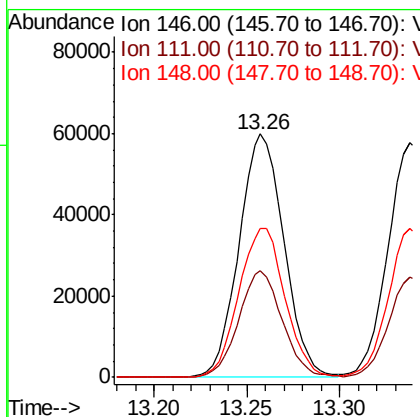
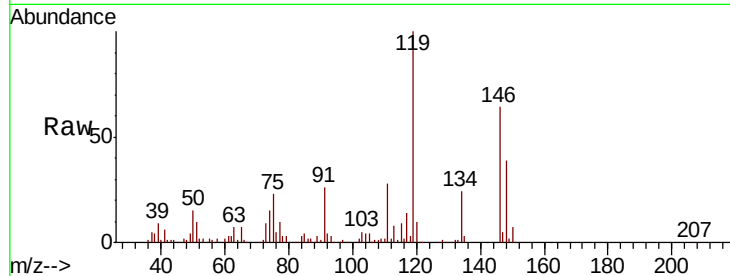




#83
 1,3-Dichlorobenzene
 Concen: 16.673 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

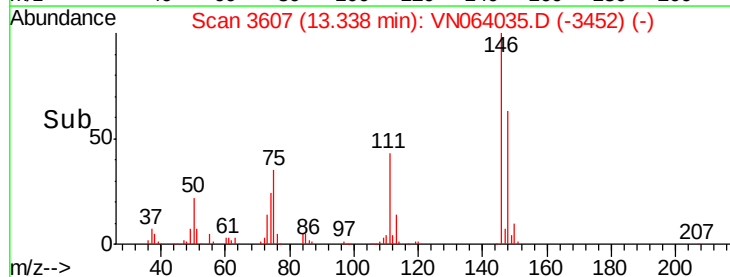
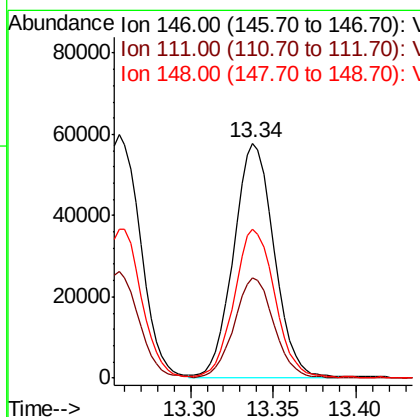
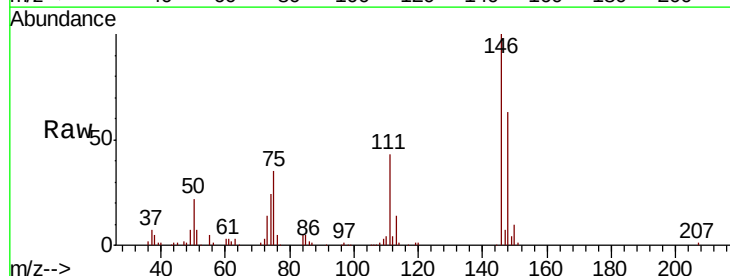
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

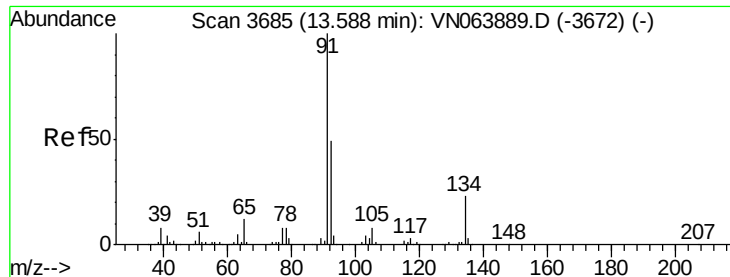
Tot Ion:146 Resp: 100519
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.4 58.1
 148 63.0 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 16.361 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion:146 Resp: 97982
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.6 55.8
 148 64.4 31.6 94.8

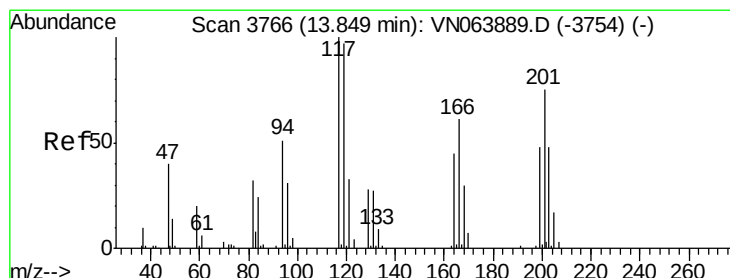
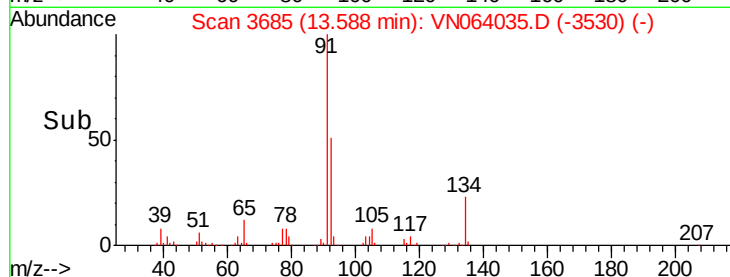
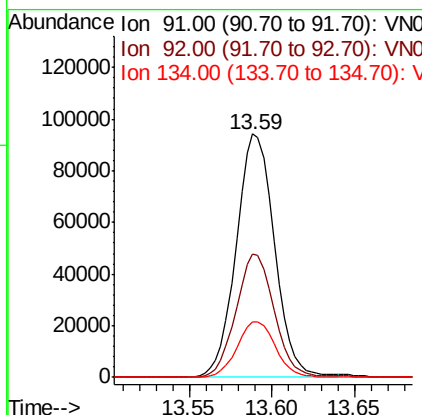
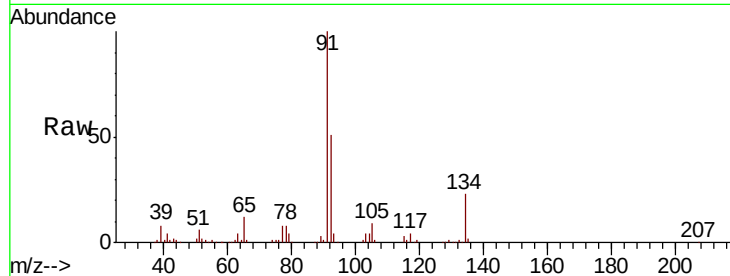




#85
n-Butylbenzene
Concen: 16.182 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

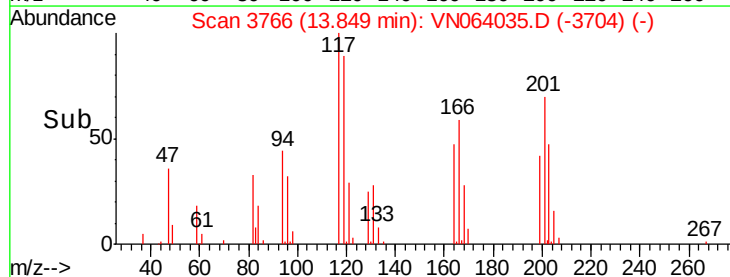
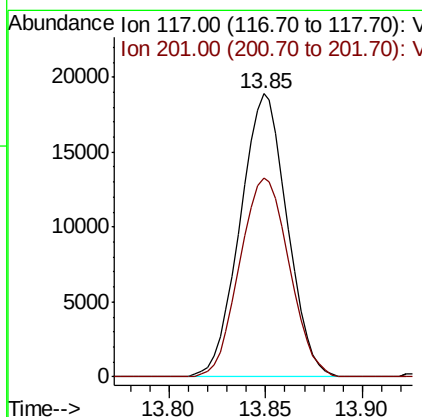
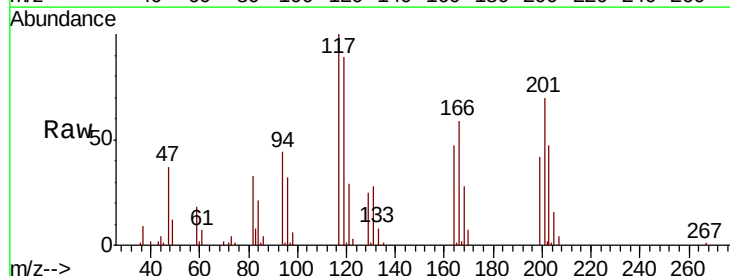
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

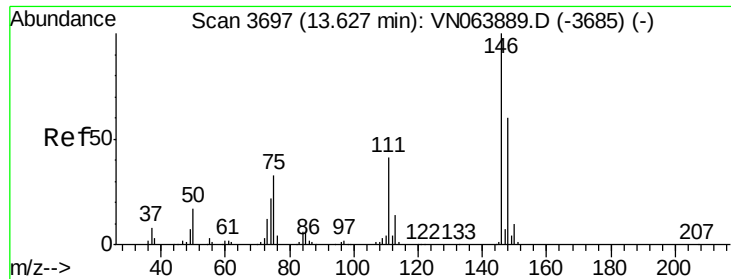
Tot Ion: 91 Resp: 151971
Ion Ratio Lower Upper
91 100
92 50.3 0.0 100.6
134 22.9 0.0 47.4



#86
Hexachloroethane
Concen: 17.269 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 117 Resp: 31948
Ion Ratio Lower Upper
117 100
201 74.0 46.1 138.3

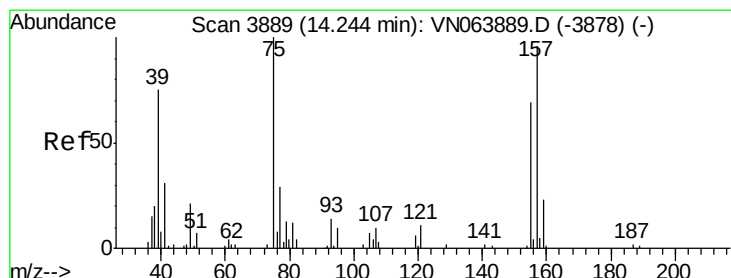
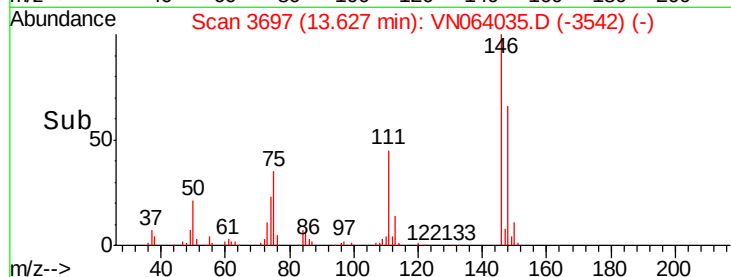
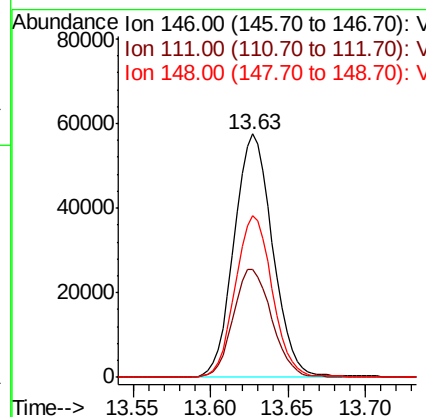
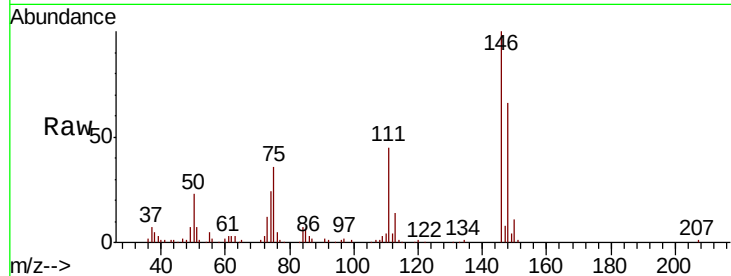




#87
 1,2-Dichlorobenzene
 Concen: 16.812 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

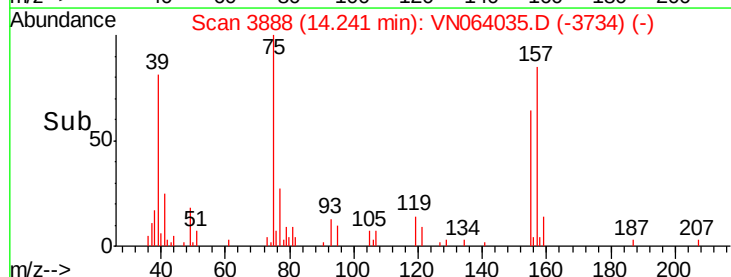
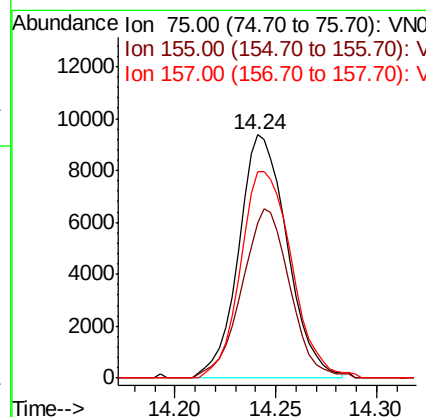
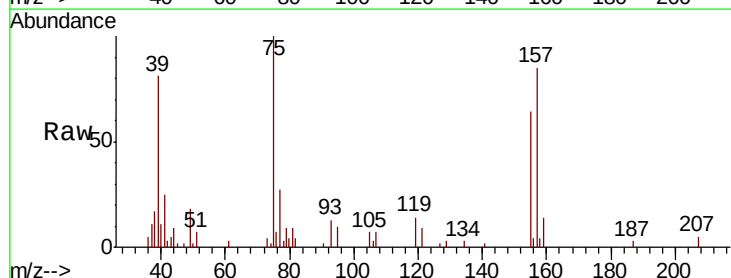
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

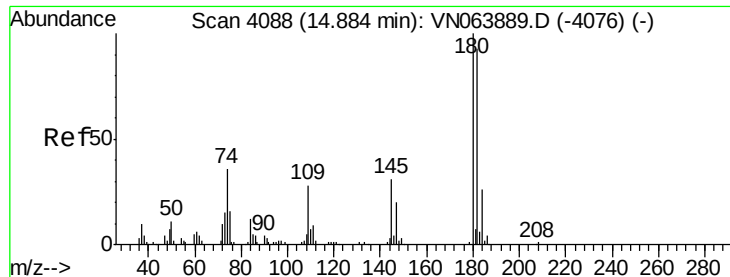
Tot Ion:146 Resp: 99457
 Ion Ratio Lower Upper
 146 100
 111 44.4 19.1 57.3
 148 63.7 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.674 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 75 Resp: 15834
 Ion Ratio Lower Upper
 75 100
 155 68.6 64.8 97.2
 157 89.1 81.2 121.8

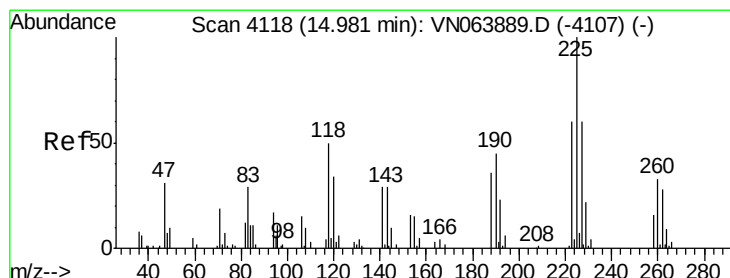
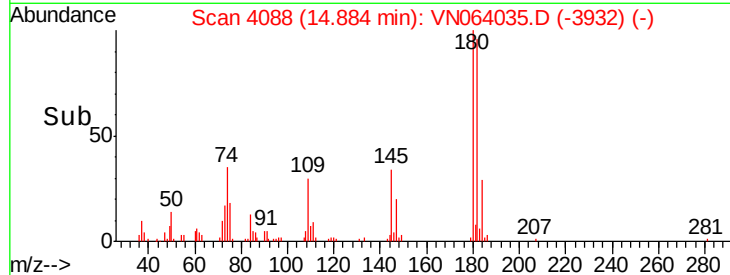
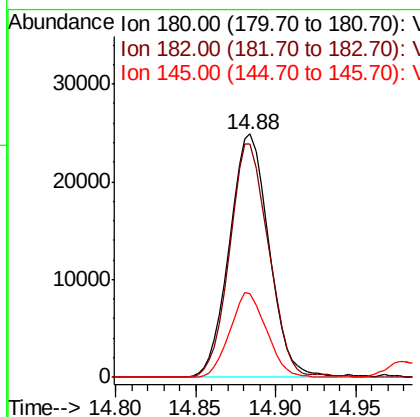
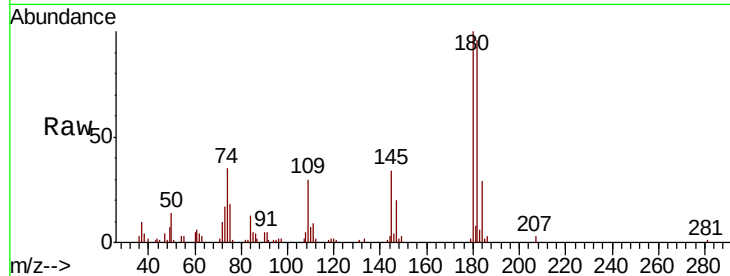




#89
 1,2,4-Trichlorobenzene
 Concen: 13.971 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

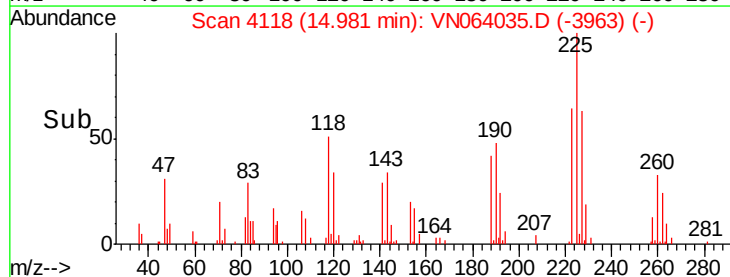
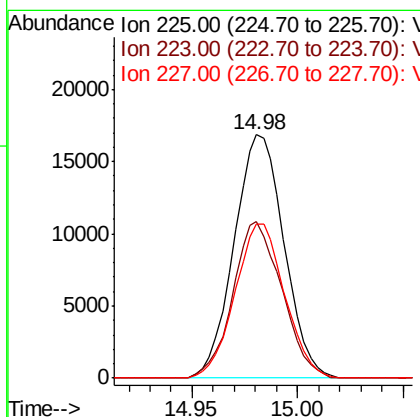
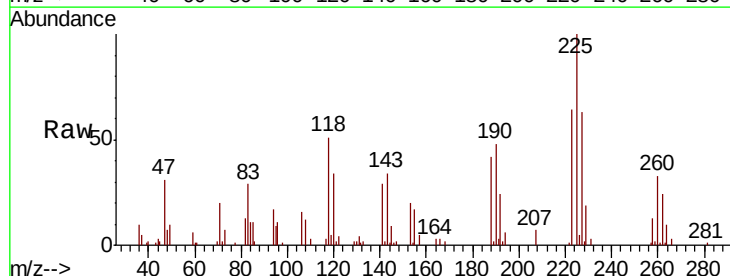
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

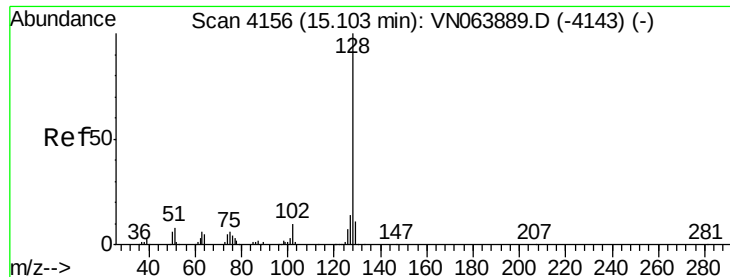
Tot Ion:180 Resp: 42013
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.9 115.3
 145 32.1 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 17.408 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion:225 Resp: 27726
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 122.8
 227 63.1 0.0 125.6





#91

Naphthalene

Concen: 13.167 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

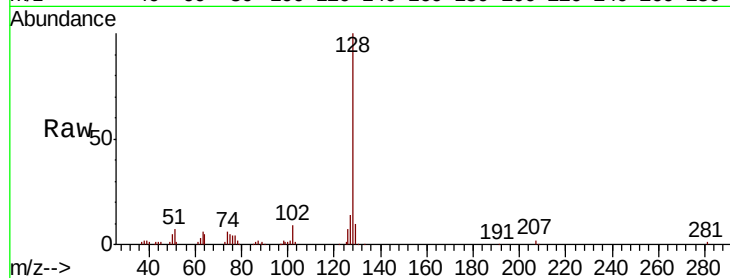
Tot Ion:128 Resp: 121126

Ion Ratio Lower Upper

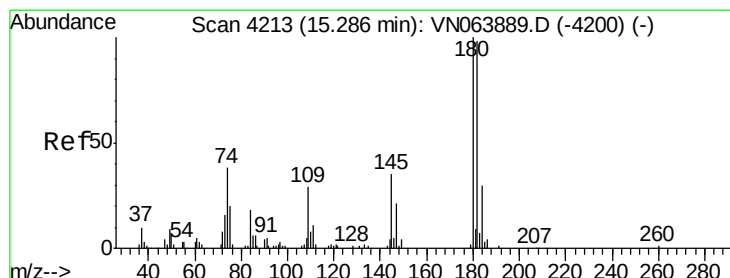
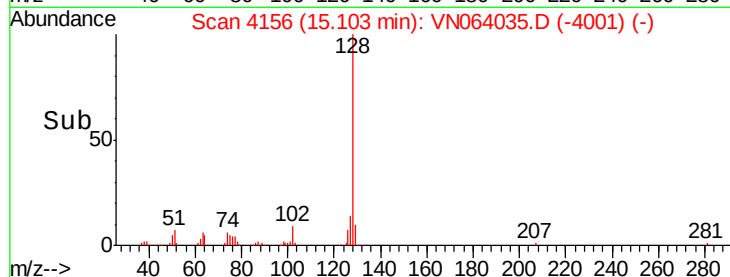
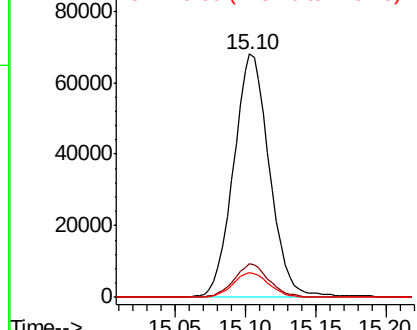
128 100

127 13.3 11.1 16.7

129 10.1 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 14.071 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

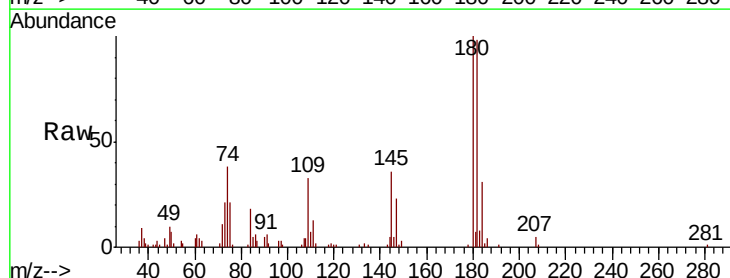
Tgt Ion:180 Resp: 41213

Ion Ratio Lower Upper

180 100

182 97.4 0.0 188.0

145 35.3 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

