

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064034.D
 Acq On : 9 Oct 2020 13:36
 Operator : JC/MD
 Sample : VN1009WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Quant Time: Oct 10 01:28:03 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	46007	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	241543	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	229379	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	121856	29.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.30%
60) 4-Bromofluorobenzene	12.37	95	114756	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	10.06	98	317016	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	60580	19.454	ug/l 98
3) Chloromethane	2.04	50	64867	20.130	ug/l 98
4) Vinyl Chloride	2.17	62	60424	18.849	ug/l 98
5) Bromomethane	2.54	94	35664	17.285	ug/l 94
6) Chloroethane	2.68	64	36578	18.188	ug/l 99
7) Trichlorofluoromethane	2.98	101	92506	18.280	ug/l 99
8) Diethyl Ether	3.37	74	30766	18.776	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.73	101	49829	18.950	ug/l 92
10) 1,1-Dichloroethene	3.70	96	46458	18.818	ug/l 89
11) Methyl Iodide	3.91	142	56080	17.803	ug/l 93
12) Methyl Acetate	4.28	43	57774	19.015	ug/l 93
13) Acrolein	3.57	56	20056	67.816	ug/l 98
14) Acrylonitrile	4.93	53	110077	88.116	ug/l 89
15) Acetone	3.77	58	36423	100.725	ug/l # 65
16) Carbon Disulfide	4.01	76	135293	18.479	ug/l 97
17) Allyl chloride	4.28	41	94968	20.668	ug/l 90
18) Methylene Chloride	4.50	84	55408	18.724	ug/l # 90
19) trans-1,2-Dichloroethene	4.99	96	51500	18.468	ug/l 94
20) Diisopropyl ether	5.90	45	175545	19.005	ug/l # 85
21) 1,1-Dichloroethane	5.79	63	58479	10.458	ug/l 97
22) cis-1,2-Dichloroethene	6.78	96	57496	18.162	ug/l 89
23) tert-Butyl Alcohol	4.72	59	39707	74.101	ug/l # 100
25) Chloroform	7.33	83	108134	18.442	ug/l 99
26) Cyclohexane	7.61	56	73429	18.230	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	77537	18.331	ug/l 96
30) 2-Butanone	6.78	43	180657	87.078	ug/l 95
31) 2,2-Dichloropropane	6.78	77	91127	18.026	ug/l 94
32) 1,1,1-Trichloroethane	7.53	97	98132	18.185	ug/l 98
33) Carbon Tetrachloride	7.73	117	85400	18.063	ug/l 97
34) Benzene	8.00	78	223633	18.595	ug/l 97
35) Methacrylonitrile	7.13	41	35790	18.150	ug/l 91
36) 1,2-Dichloroethane	8.08	62	90514	17.130	ug/l 95
37) Trichloroethene	8.80	130	56325	17.875	ug/l 97
38) Methylcyclohexane	9.05	83	65010	18.202	ug/l 97
39) 1,2-Dichloropropane	9.08	63	60345	18.467	ug/l 100
40) Dibromomethane	9.17	93	41115	18.015	ug/l 89
41) Bromodichloromethane	9.37	83	82977	17.493	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.84	43	780090	90.598	ug/l	98
43) Ethyl Acetate	6.88	43	66126	14.884	ug/l	96
44) Isopropyl Acetate	8.12	43	126127	17.130	ug/l #	85
45) 1,4-Dioxane	9.16	88	13156	278.688	ug/l	95
46) Methyl methacrylate	9.16	41	63814	17.420	ug/l	86
47) n-amyl Acetate	12.05	43	102916	15.721	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	88635	17.292	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	93403	17.572	ug/l #	85
50) 1,1,2-Trichloroethane	10.53	97	55038	18.060	ug/l	97
51) Ethyl methacrylate	10.06	69	1528	0.346	ug/l	79
52) 1,3-Dichloropropane	10.68	76	91319	17.493	ug/l	98
53) Dibromochloromethane	10.87	129	61073	17.412	ug/l	97
54) 1,2-Dibromoethane	10.98	107	55014	17.217	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	194189	82.323	ug/l	99
56) Bromoform	12.10	173	40122	16.508	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	384651	86.406	ug/l	94
59) 2-Hexanone	10.72	43	277071	83.560	ug/l	93
61) Tetrachloroethene	10.60	164	51745	17.782	ug/l #	88
62) Toluene	10.12	91	239756	18.199	ug/l	100
64) Chlorobenzene	11.41	112	142154	17.803	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	55061	17.631	ug/l	99
66) Ethyl Benzene	11.48	91	257002	17.765	ug/l	99
67) m/p-Xylenes	11.60	106	188996	35.131	ug/l	92
68) o-Xylene	11.92	106	88581	17.282	ug/l	92
69) Styrene	11.94	104	151448	17.317	ug/l	96
70) Isopropylbenzene	12.22	105	241109	17.703	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	73294	17.025	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	101782	23.186	ug/l	58
73) Bromobenzene	12.50	156	58410	16.921	ug/l	87
74) n-propylbenzene	12.57	91	281784	17.699	ug/l	98
75) 2-Chlorotoluene	12.65	91	176343	18.158	ug/l	96
76) 1,3,5-Trimethylbenzene	12.71	105	201351	17.531	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	23747	15.209	ug/l	82
78) 4-Chlorotoluene	12.75	91	183606	17.854	ug/l	95
79) tert-butylbenzene	12.97	119	157448	17.112	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	200585	17.422	ug/l	96
81) sec-Butylbenzene	13.14	105	210452	17.402	ug/l	98
82) p-Isopropyltoluene	13.26	119	182428	16.689	ug/l	96
83) 1,3-Dichlorobenzene	13.26	146	99848	16.264	ug/l	96
84) 1,4-Dichlorobenzene	13.34	146	100552	16.488	ug/l	96
85) n-Butylbenzene	13.59	91	150470	15.734	ug/l	99
86) Hexachloroethane	13.85	117	33253	17.652	ug/l	80
87) 1,2-Dichlorobenzene	13.63	146	100654	16.708	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	15702	15.264	ug/l	84
89) 1,2,4-Trichlorobenzene	14.88	180	41003	13.390	ug/l #	96
90) Hexachlorobutadiene	14.98	225	28895	17.816	ug/l	96
91) Naphthalene	15.10	128	116922	12.482	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	41225	13.822	ug/l	97

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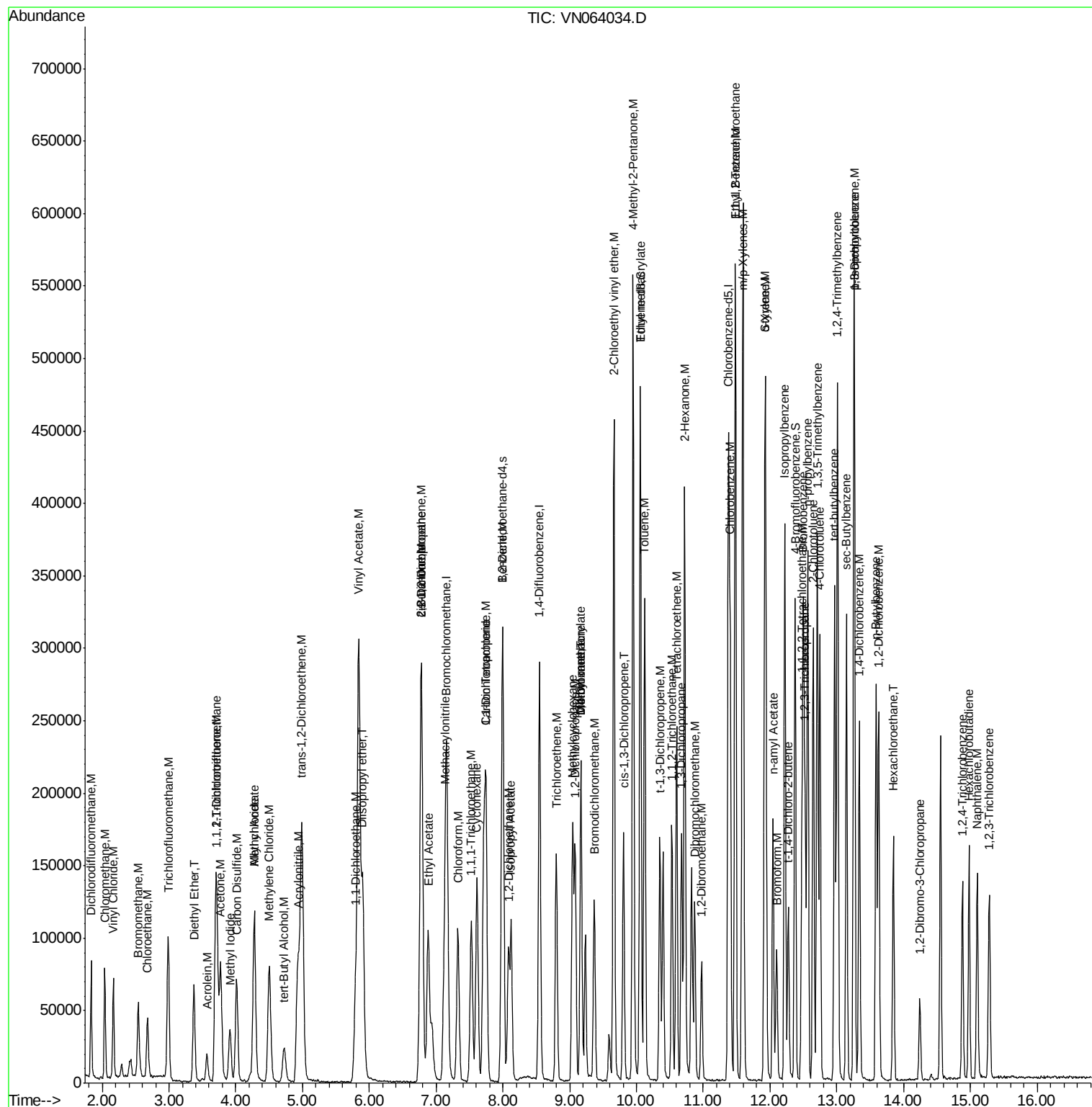
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

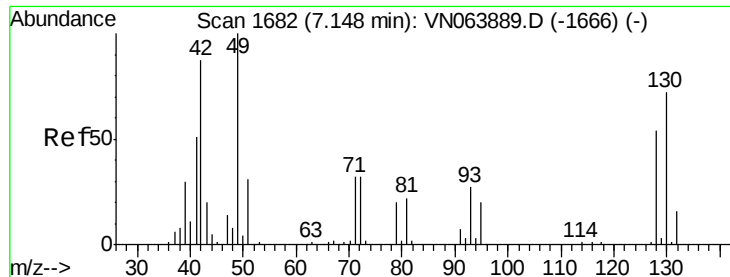
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Time: Oct 10 01:28:03 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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

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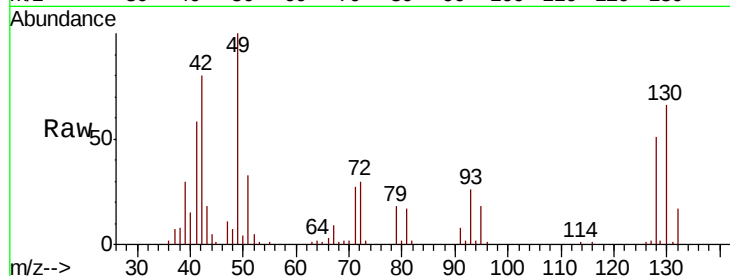
Tot Ion:128 Resp: 46007

Ion Ratio Lower Upper

128 100

49 193.2 0.0 437.5

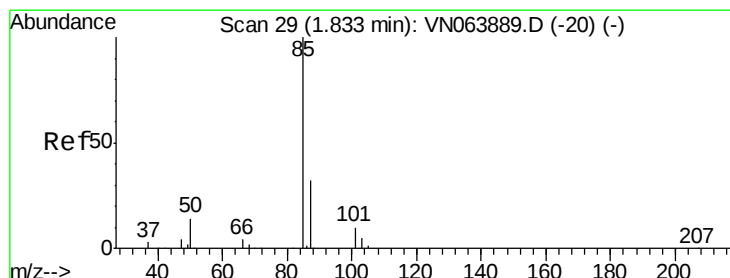
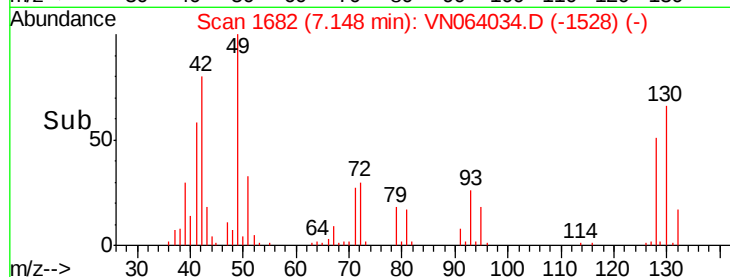
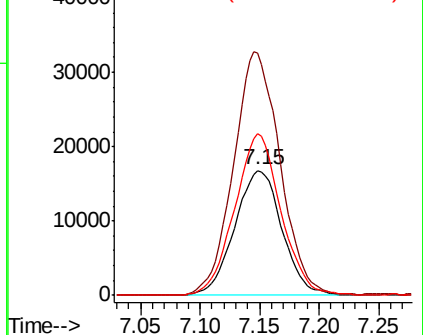
130 127.3 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.454 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064034.D

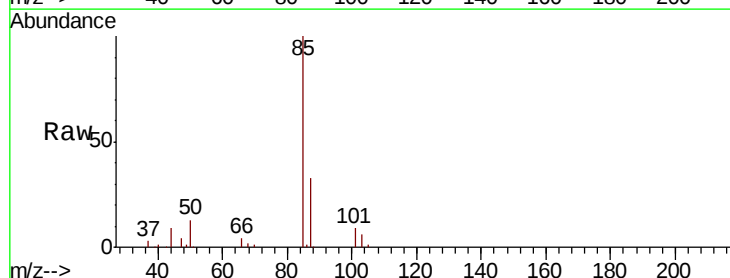
Acq: 9 Oct 2020 13:36

Tgt Ion: 85 Resp: 60580

Ion Ratio Lower Upper

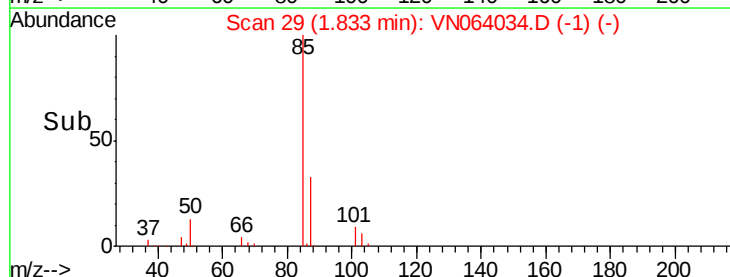
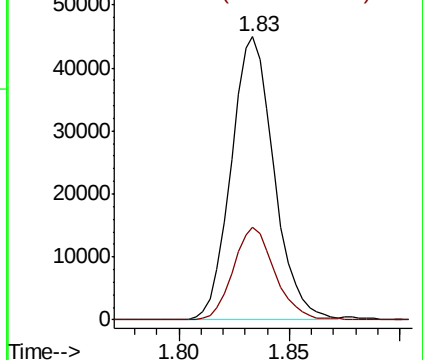
85 100

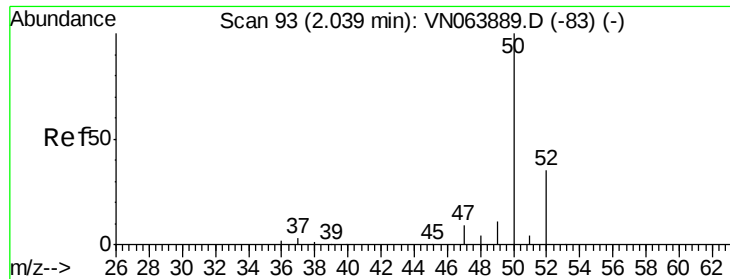
87 32.6 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.130 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

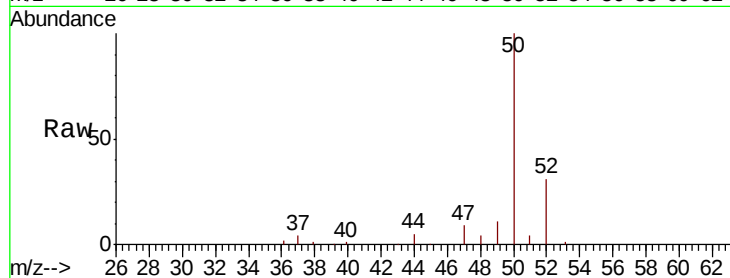
VN1009WBS01

Tot Ion: 50 Resp: 64867

Ion Ratio Lower Upper

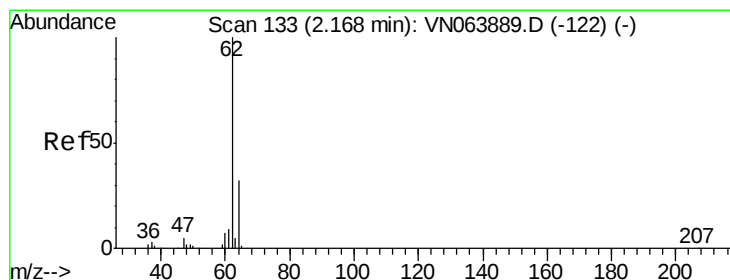
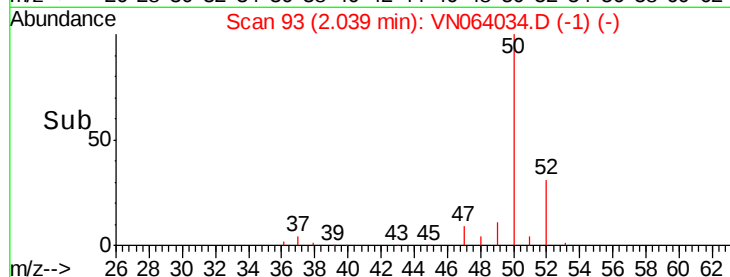
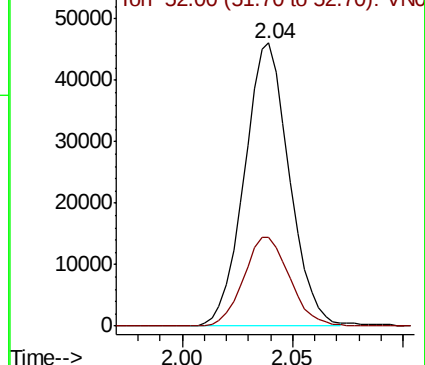
50 100

52 31.4 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 18.849 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.01 min

Lab File: VN064034.D

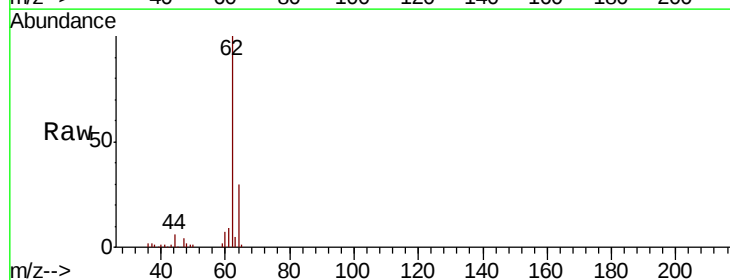
Acq: 9 Oct 2020 13:36

Tgt Ion: 62 Resp: 60424

Ion Ratio Lower Upper

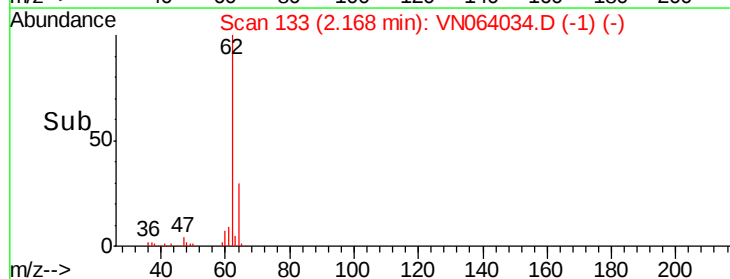
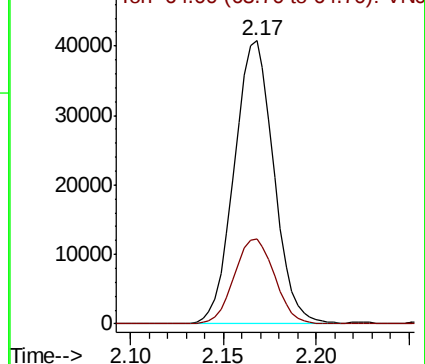
62 100

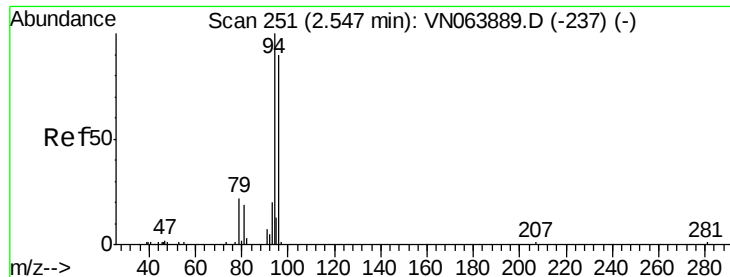
64 30.0 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 17.285 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

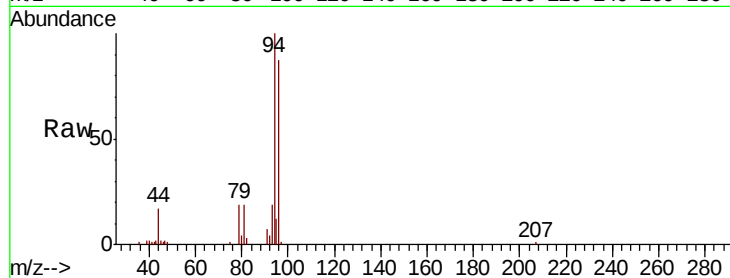
VN1009WBS01

Tot Ion: 94 Resp: 35664

Ion Ratio Lower Upper

94 100

96 87.2 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.54

20000

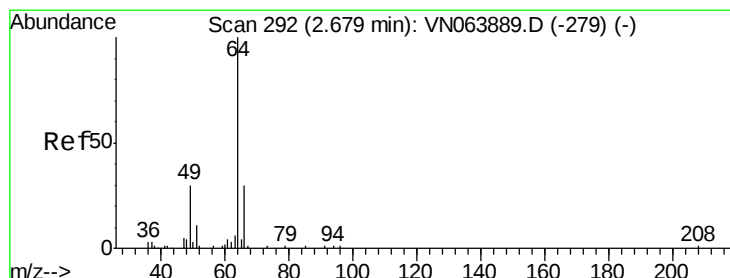
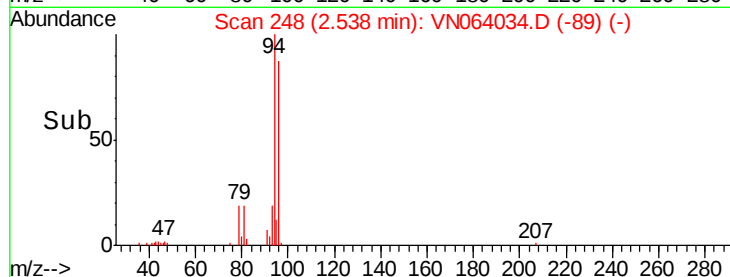
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.188 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064034.D

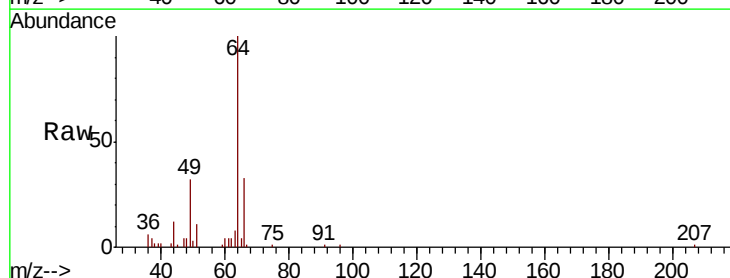
Acq: 9 Oct 2020 13:36

Tgt Ion: 64 Resp: 36578

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.68

20000

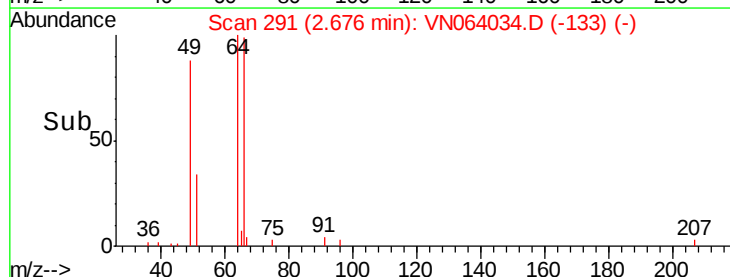
15000

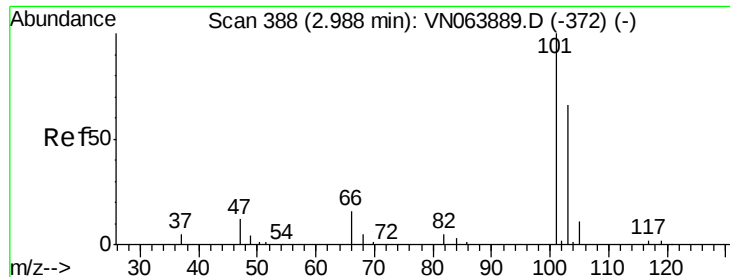
10000

5000

0

Time--> 2.60 2.65 2.70 2.75



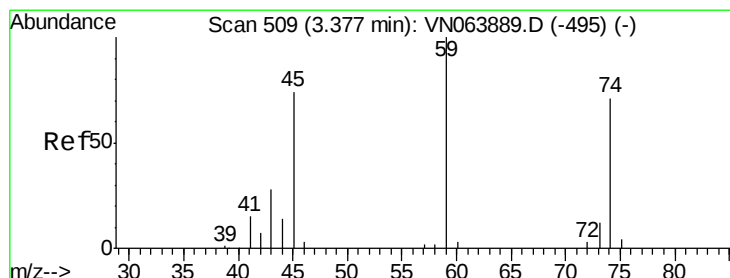
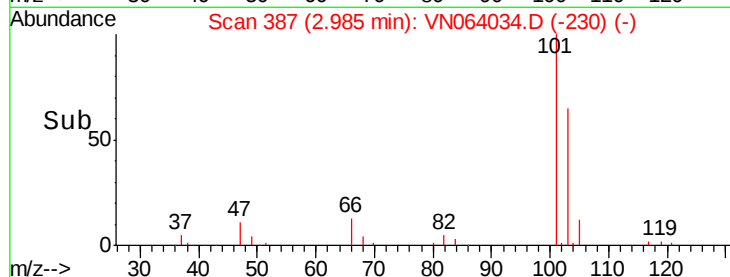
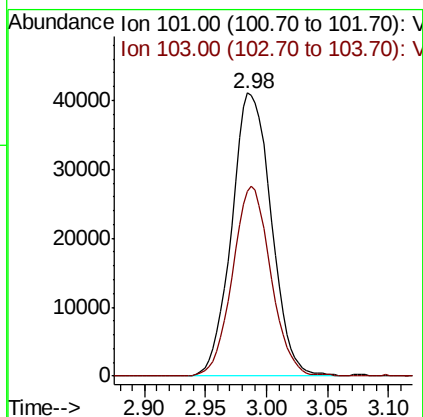
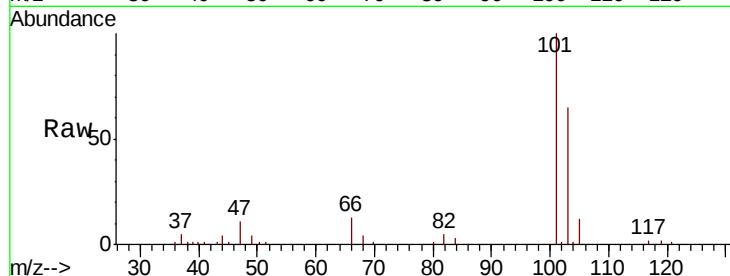


#7

Trichlorofluoromethane
 Concen: 18.280 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Instrument :
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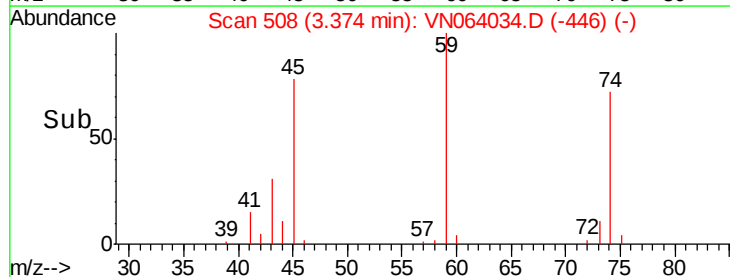
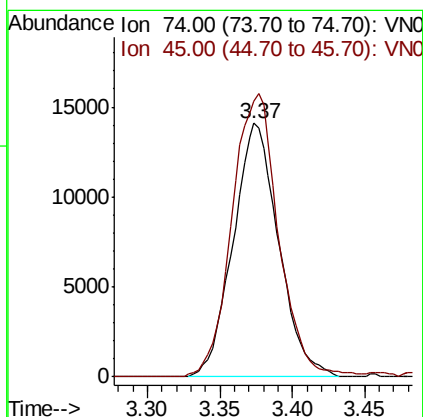
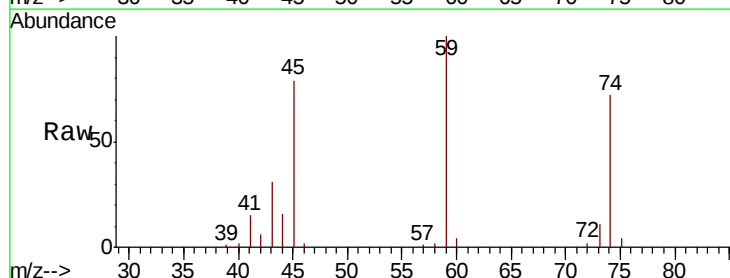
Tot Ion:101 Resp: 92506
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9

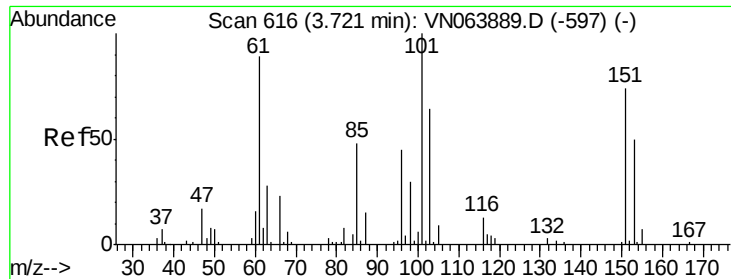


#8

Diethyl Ether
 Concen: 18.776 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 74 Resp: 30766
 Ion Ratio Lower Upper
 74 100
 45 114.3 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.950 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

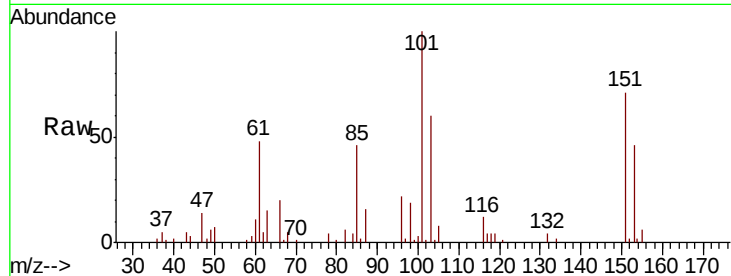
Tot Ion:101 Resp: 49829

Ion Ratio Lower Upper

101 100

85 48.5 0.0 85.0

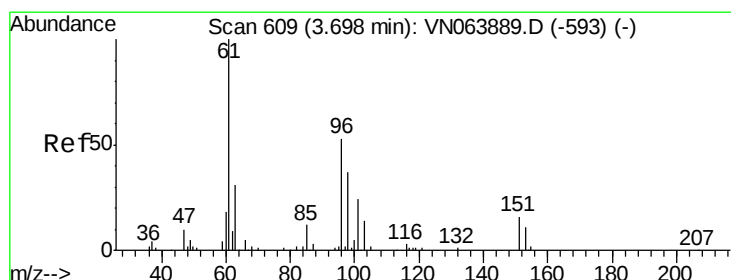
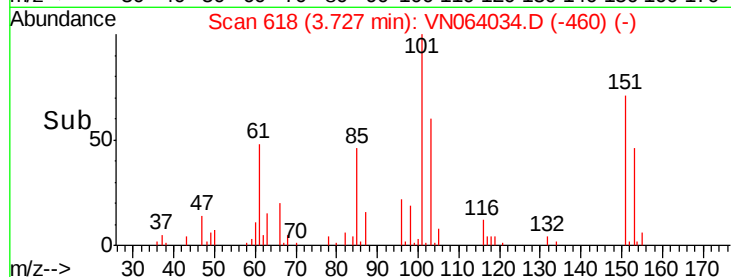
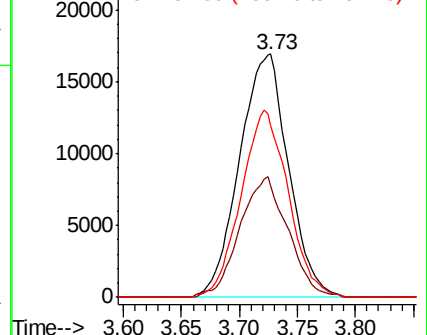
151 73.8 0.0 161.6



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: 18.818 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

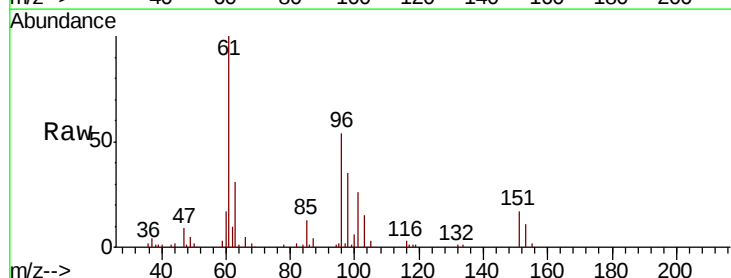
Tgt Ion: 96 Resp: 46458

Ion Ratio Lower Upper

96 100

61 182.7 130.8 196.2

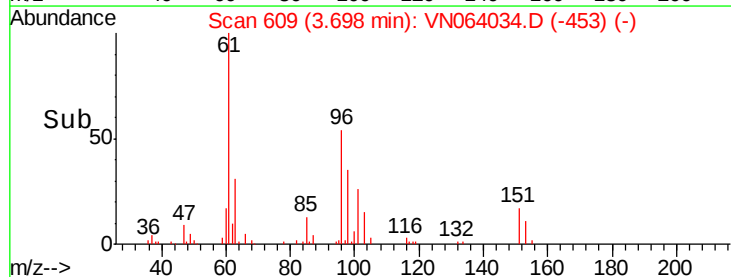
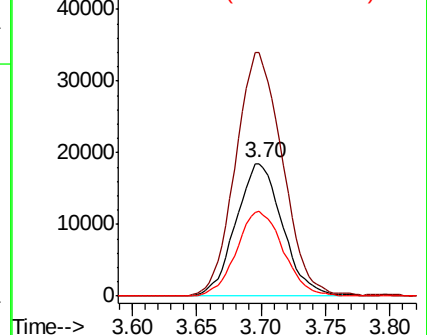
98 63.8 49.0 73.4

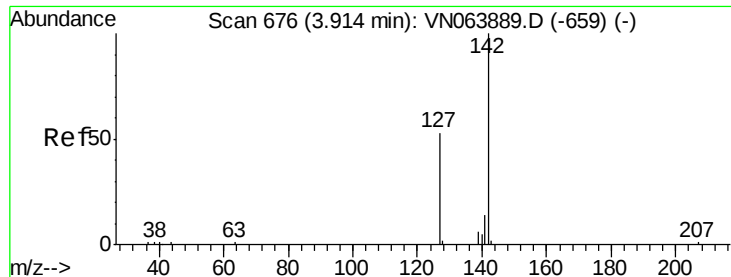


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

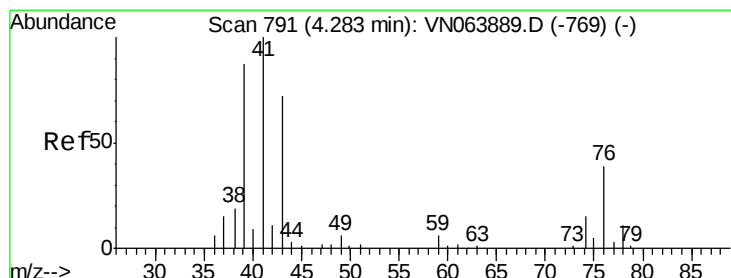
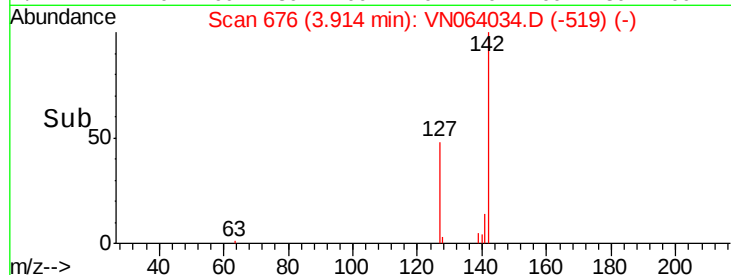
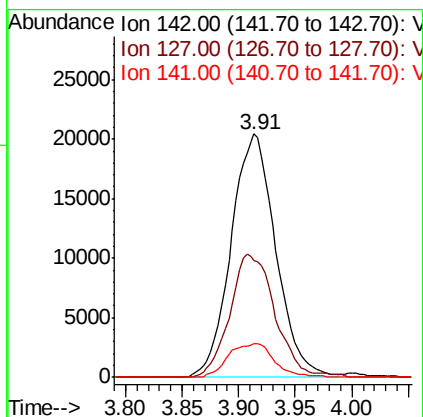
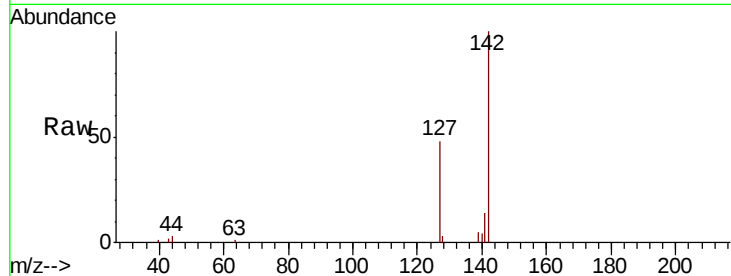




#11
Methyl Iodide
Concen: 17.803 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

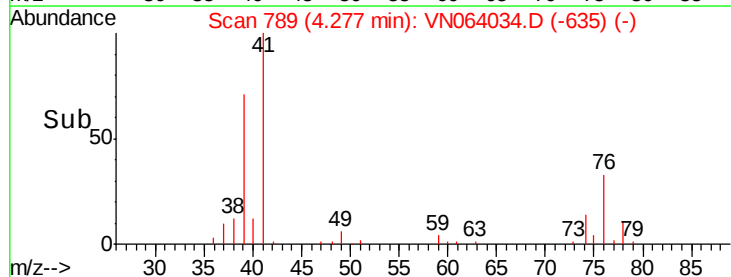
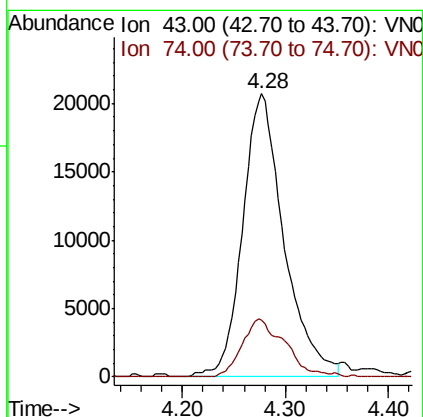
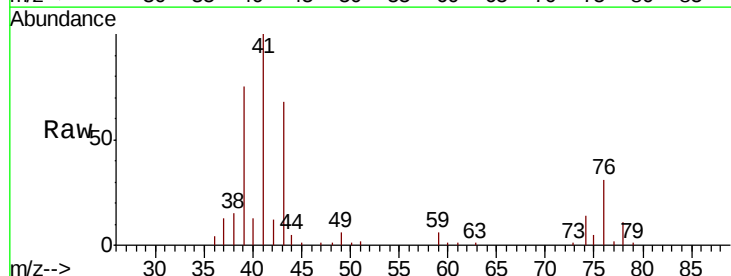
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

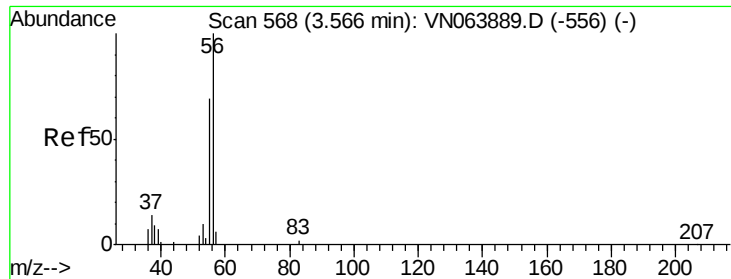
Tot Ion:142 Resp: 56080
Ion Ratio Lower Upper
142 100
127 47.9 20.9 62.8
141 13.8 6.7 20.1



#12
Methyl Acetate
Concen: 19.015 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 43 Resp: 57774
Ion Ratio Lower Upper
43 100
74 19.9 18.6 27.8





#13

Acrolein

Concen: 67.816 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

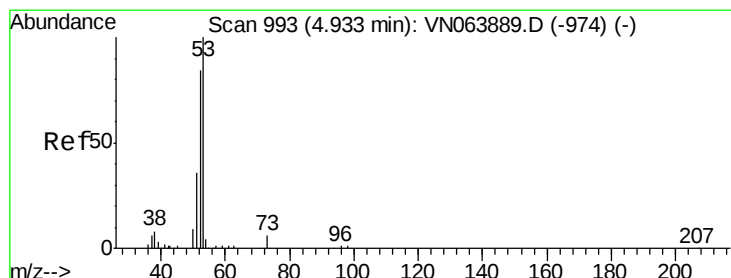
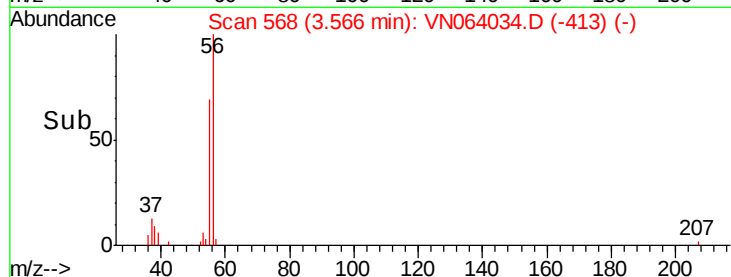
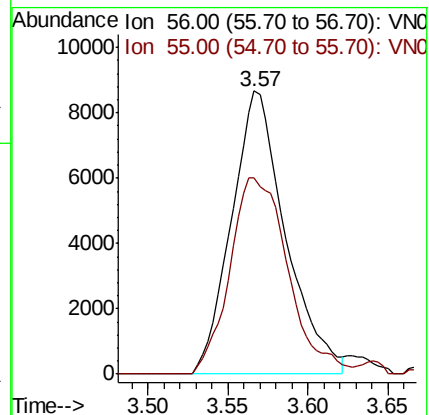
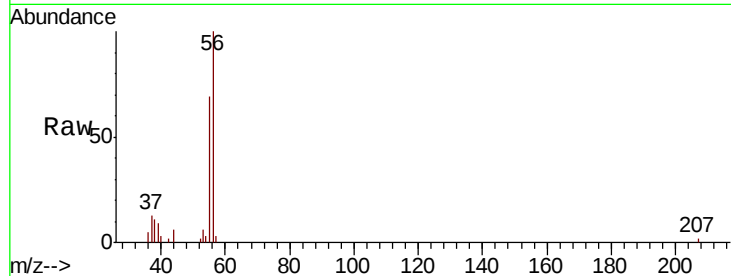
VN1009WBS01

Tot Ion: 56 Resp: 20056

Ion Ratio Lower Upper

56 100

55 74.7 58.7 88.1



#14

Acrylonitrile

Concen: 88.116 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

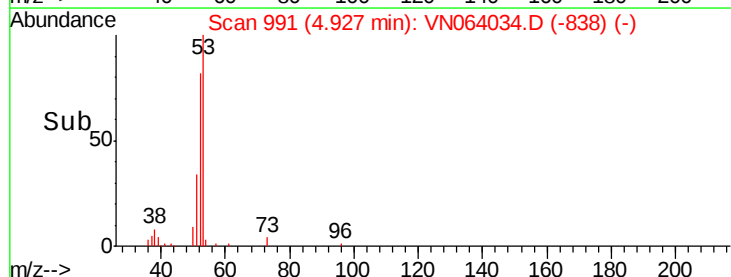
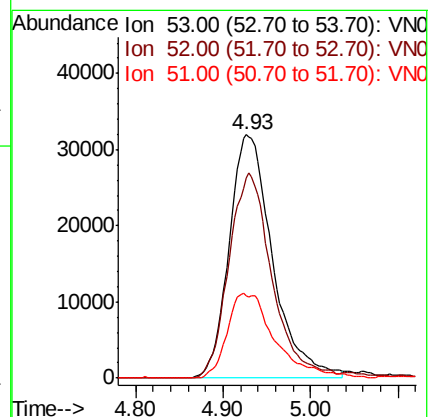
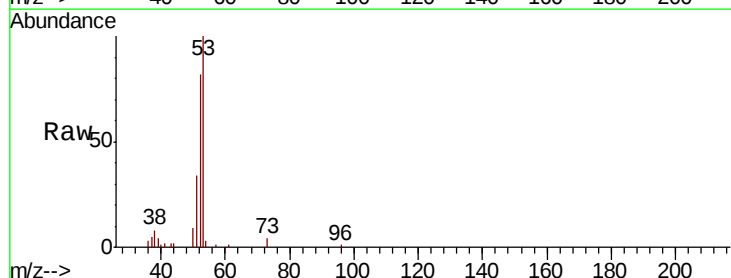
Tgt Ion: 53 Resp: 110077

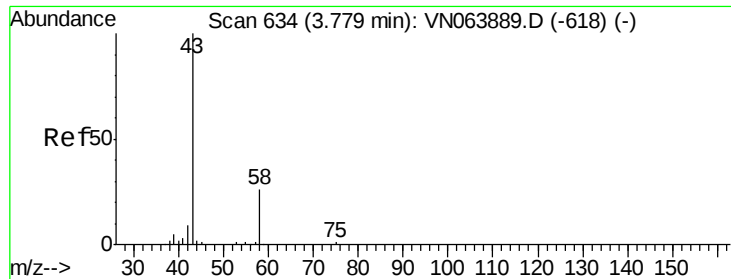
Ion Ratio Lower Upper

53 100

52 82.6 39.9 119.7

51 17.5 17.0 51.0

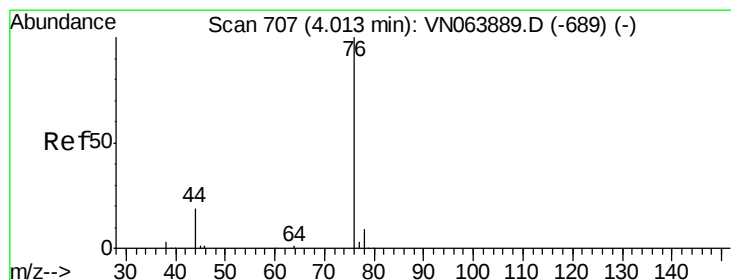
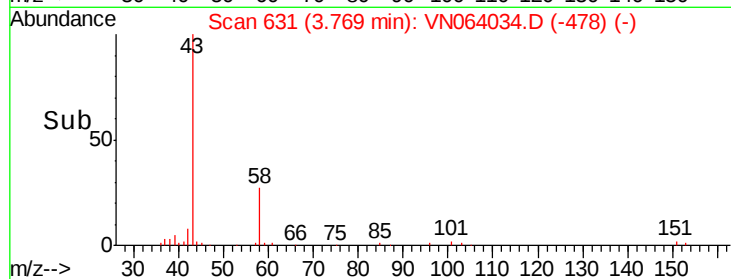
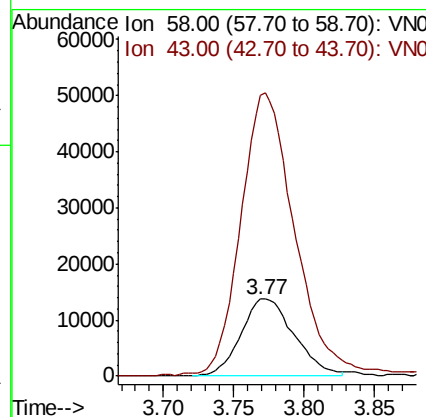
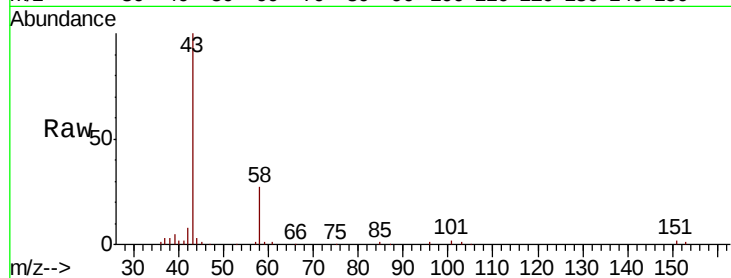




#15
Acetone
Concen: 100.725 ug/l
RT: 3.77 min Scan# 631
Delta R.T. -0.01 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

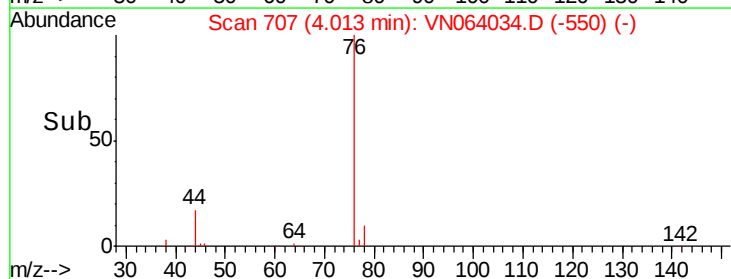
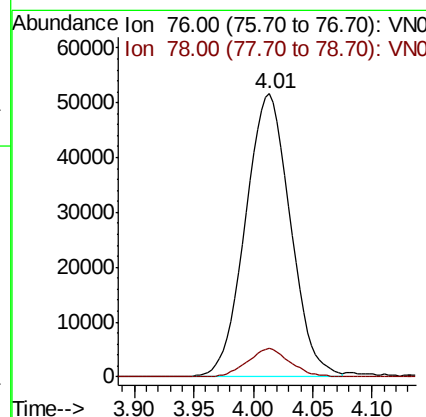
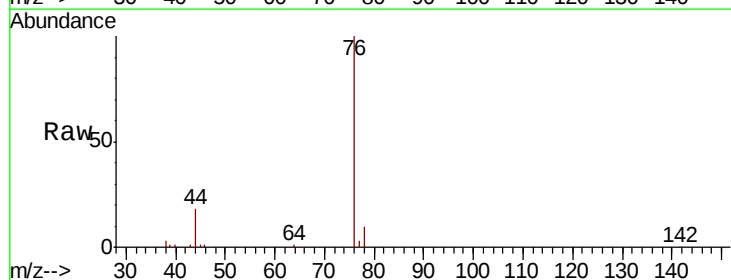
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

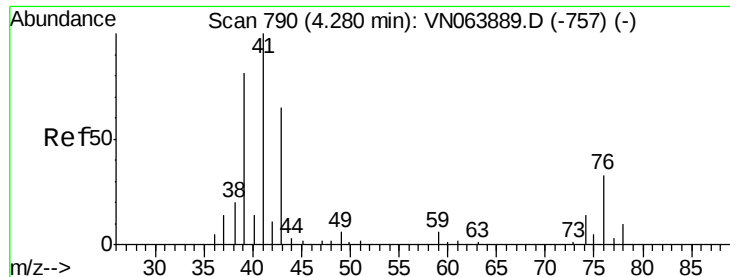
Tot Ion: 58 Resp: 36423
Ion Ratio Lower Upper
58 100
43 359.2 233.2 349.8#



#16
Carbon Disulfide
Concen: 18.479 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 76 Resp: 135293
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4





#17

Allvl chloride

Concen: 20.668 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

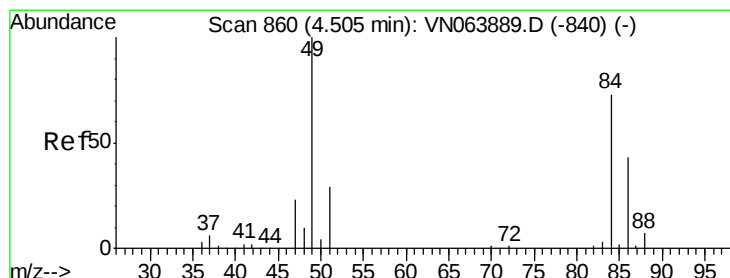
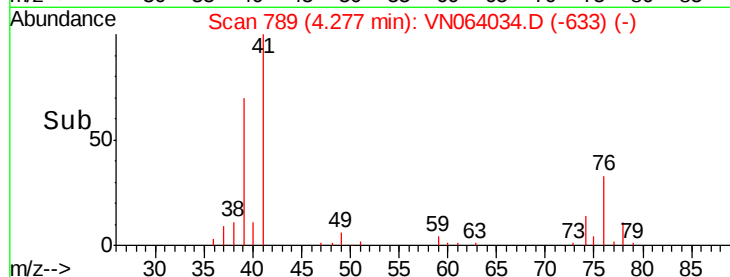
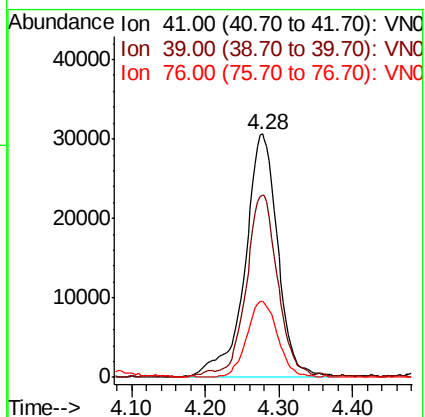
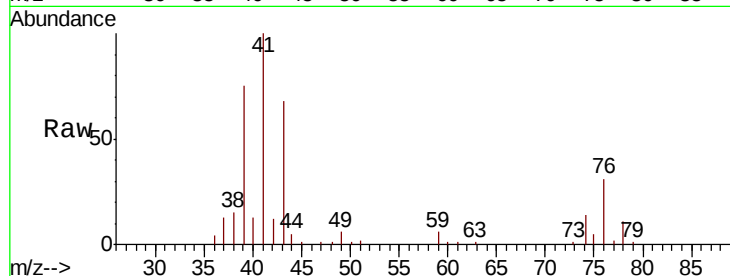
Tot Ion: 41 Resp: 94968

Ion Ratio Lower Upper

41 100

39 74.5 33.8 101.4

76 31.3 19.4 58.4



#18

Methylene Chloride

Concen: 18.724 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Tgt Ion: 84 Resp: 55408

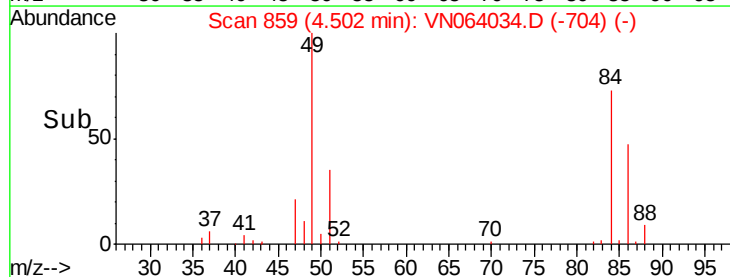
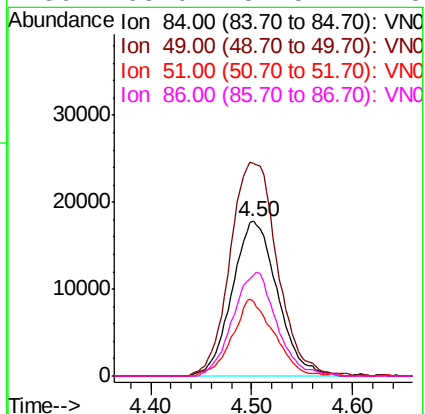
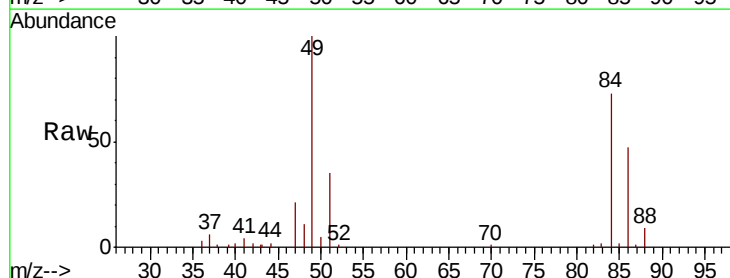
Ion Ratio Lower Upper

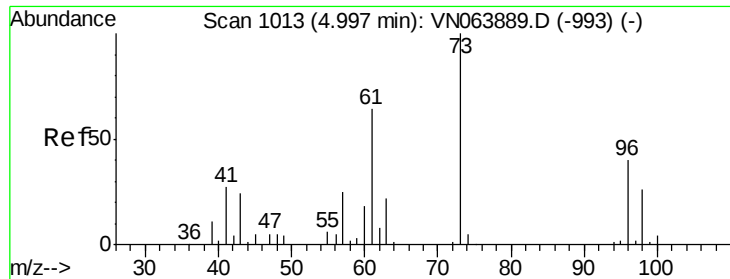
84 100

49 137.4 97.8 146.8

51 47.6 30.7 46.1#

86 65.0 51.5 77.3

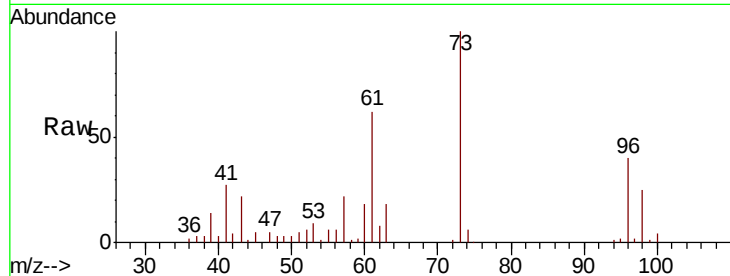




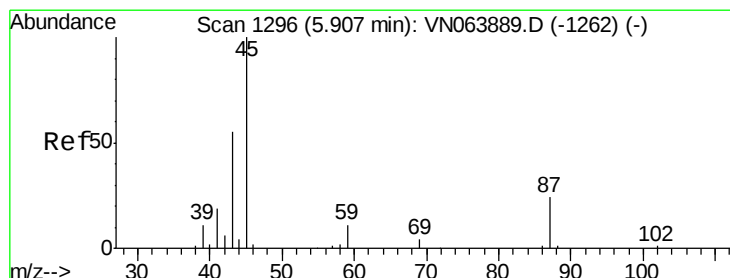
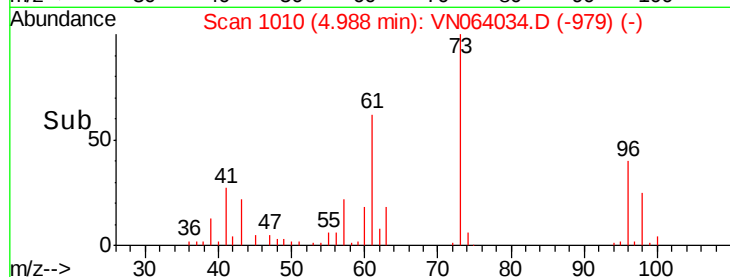
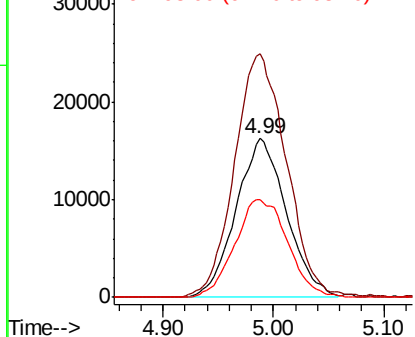
#19
trans-1,2-Dichloroethene
Concen: 18.468 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion: 96 Resp: 51500
Ion Ratio Lower Upper
96 100
61 151.5 115.9 173.9
98 61.3 53.3 79.9

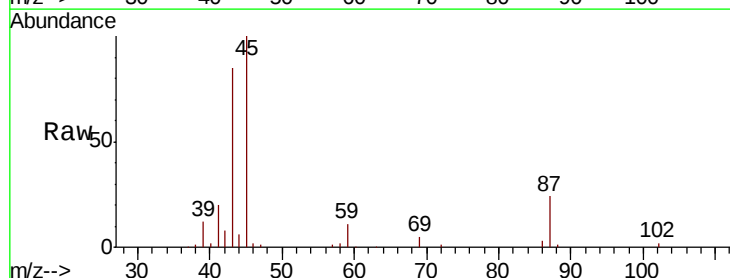


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

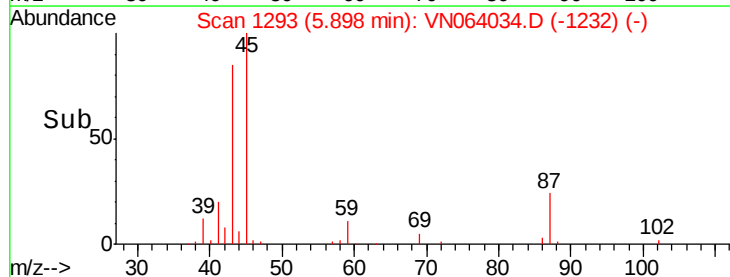
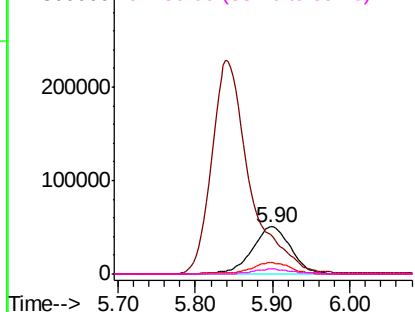


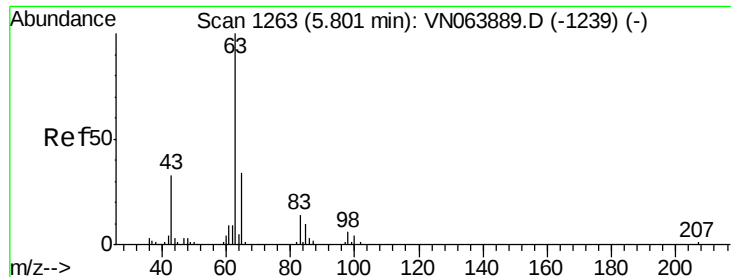
#20
Diisopropyl ether
Concen: 19.005 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 45 Resp: 175545
Ion Ratio Lower Upper
45 100
43 81.2 51.8 77.6#
87 24.4 21.8 32.6
59 10.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 10.458 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

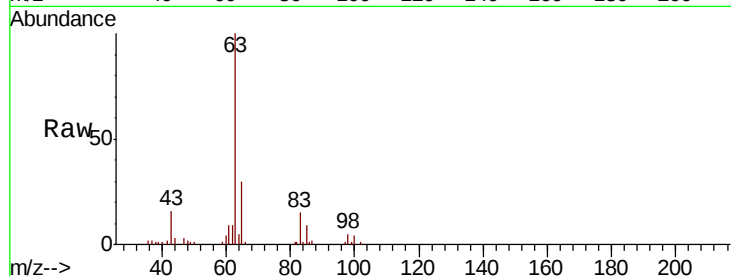
Tot Ion: 63 Resp: 58479

Ion Ratio Lower Upper

63 100

98 5.0 3.1 9.3

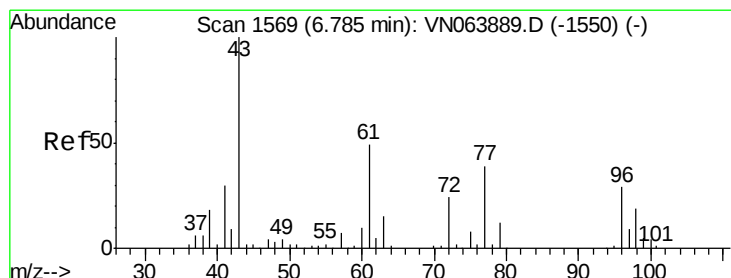
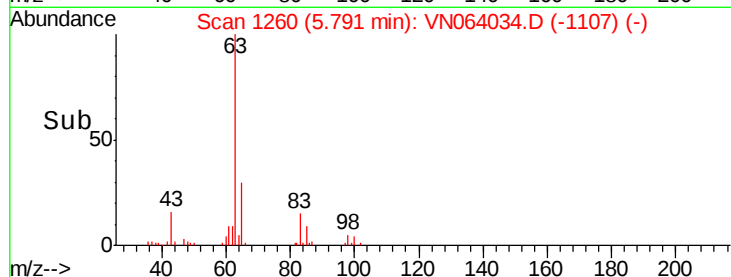
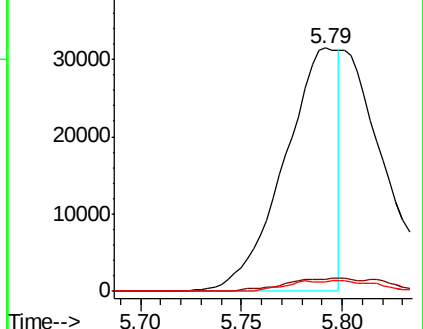
100 4.0 1.8 5.3



Abundance Ion 63.00 (62.70 to 63.70): VN064034.D (-1107) (-)

Ion 98.00 (97.70 to 98.70): VN064034.D (-1107) (-)

Ion 100.00 (99.70 to 100.70): VN064034.D (-1107) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.162 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

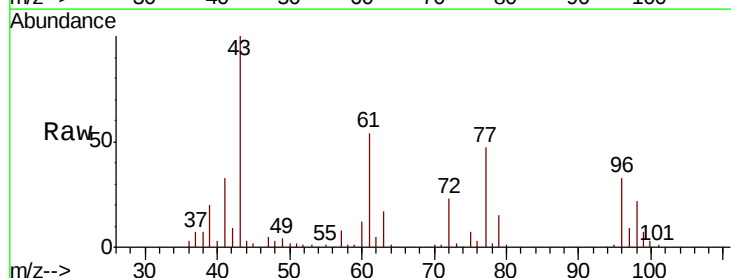
Tgt Ion: 96 Resp: 57496

Ion Ratio Lower Upper

96 100

61 170.7 120.9 181.3

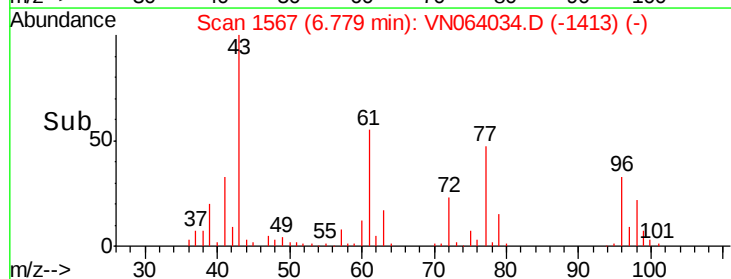
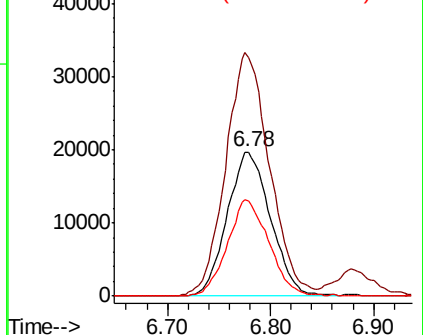
98 63.8 50.3 75.5

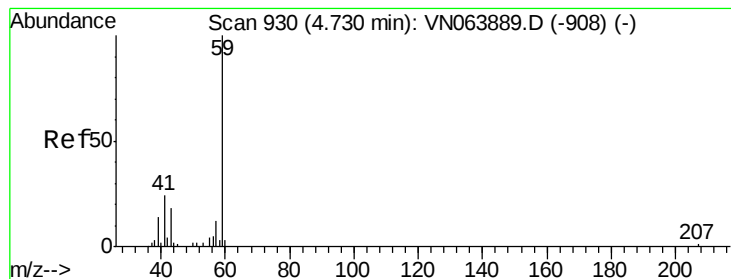


Abundance Ion 96.00 (95.70 to 96.70): VN064034.D (-1413) (-)

Ion 61.00 (60.70 to 61.70): VN064034.D (-1413) (-)

Ion 98.00 (97.70 to 98.70): VN064034.D (-1413) (-)





#23

tert-Butyl Alcohol

Concen: 74.101 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.02 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

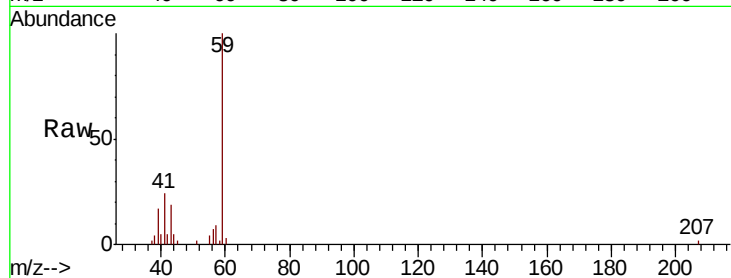
VN1009WBS01

Tot Ion: 59 Resp: 39707

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN063889.D (-908) (-)

Ion 52.00 (51.70 to 52.70): VN063889.D (-908) (-)

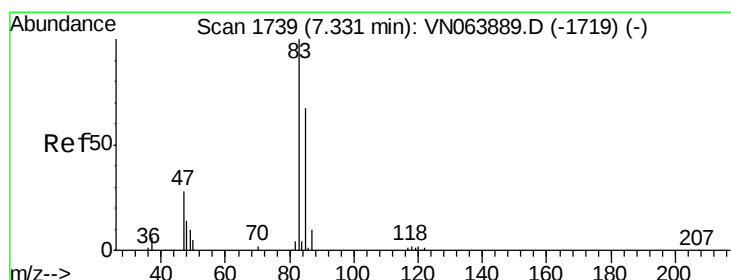
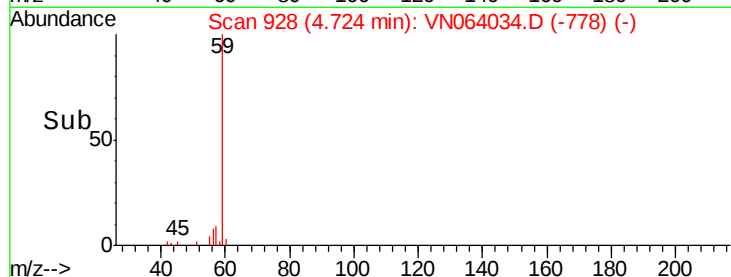
4.72

10000

5000

0

Time--> 4.60 4.70 4.80



#25

Chloroform

Concen: 18.442 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064034.D

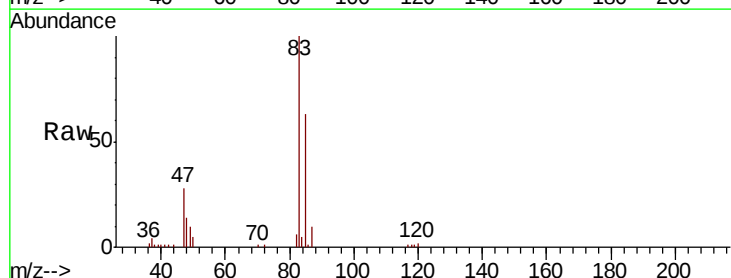
Acq: 9 Oct 2020 13:36

Tgt Ion: 83 Resp: 108134

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-1719) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-1719) (-)

7.33

40000

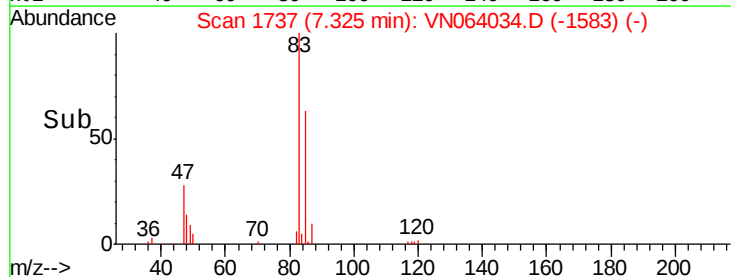
30000

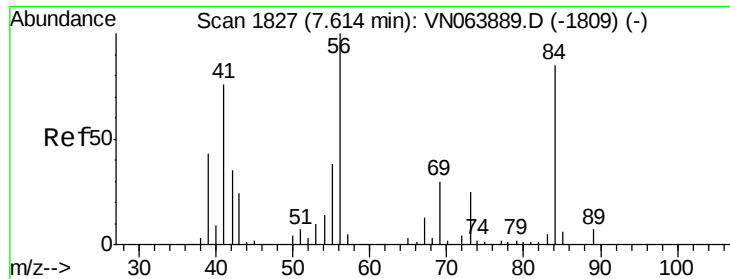
20000

10000

0

Time--> 7.20 7.30 7.40

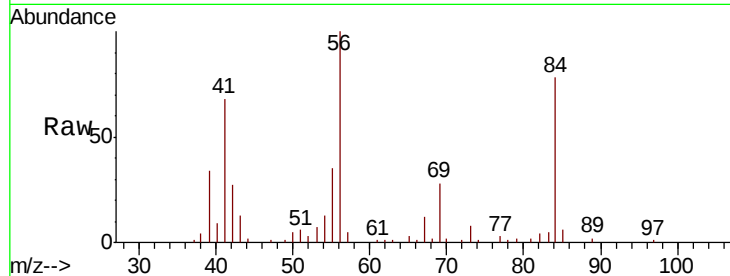




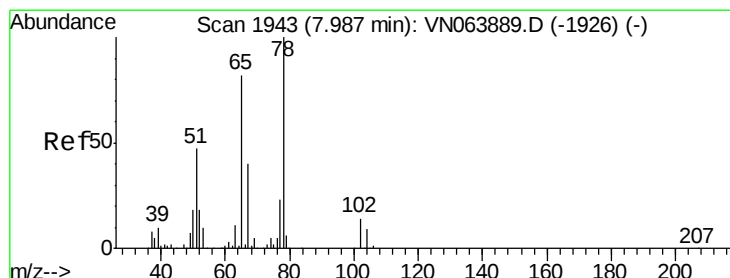
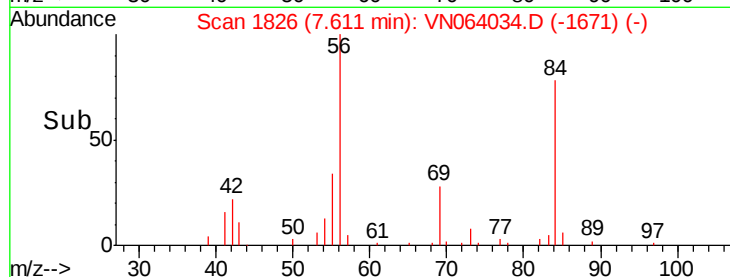
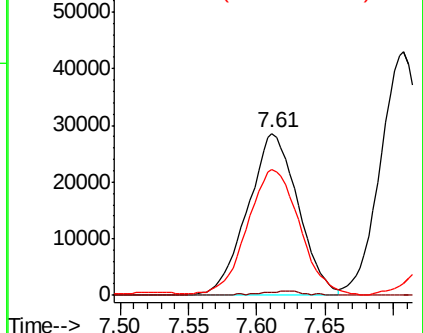
#26
Cyclohexane
Concen: 18.230 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion: 56 Resp: 73429
Ion Ratio Lower Upper
56 100
89 1.9 0.0 0.0#
84 81.1 65.0 97.4

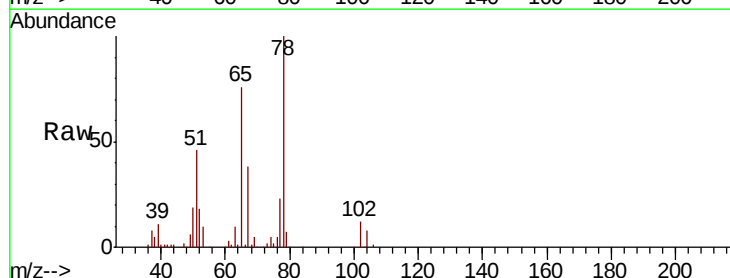


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 89.00 (88.70 to 89.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

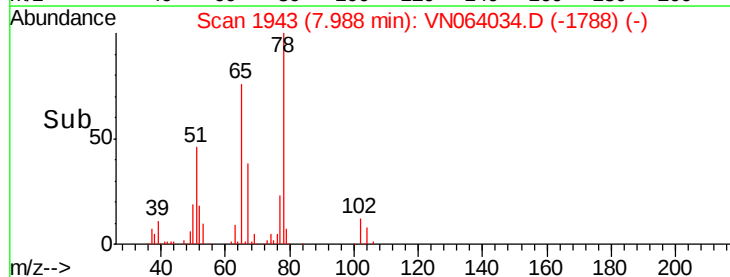
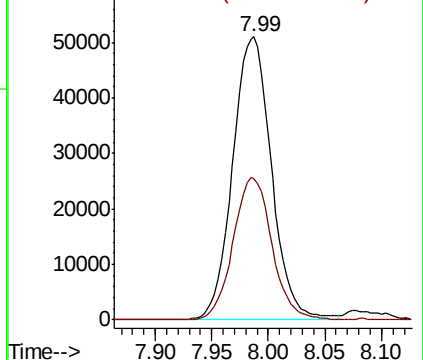


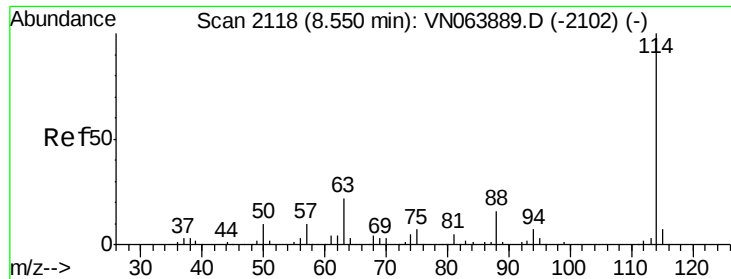
#27
1,2-Dichloroethane-d4
Concen: 29.492 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 65 Resp: 121856
Ion Ratio Lower Upper
65 100
67 50.2 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0
Ion 67.00 (66.70 to 67.70): VN0

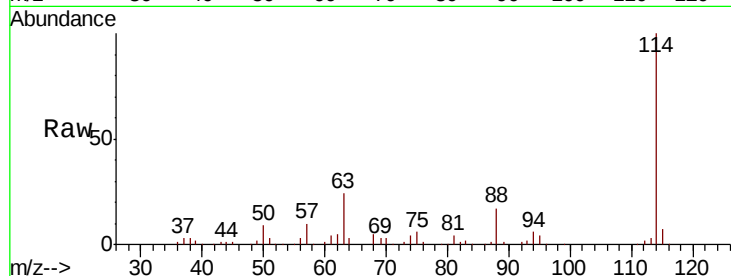




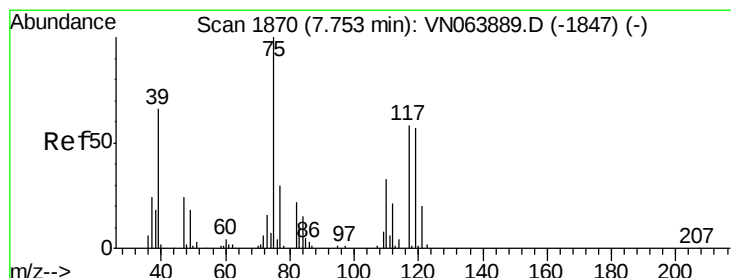
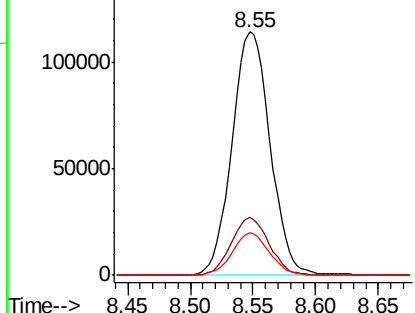
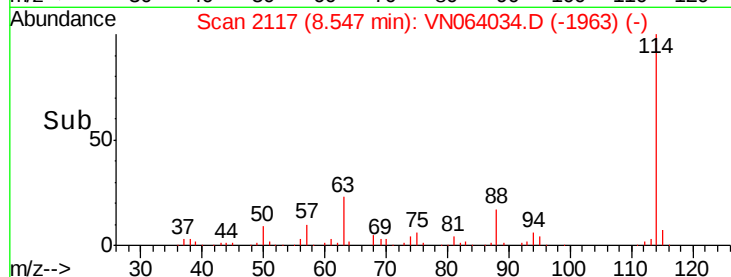
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion:114 Resp: 241543
 Ion Ratio Lower Upper
 114 100
 63 23.6 17.0 25.6
 88 17.0 12.6 18.8

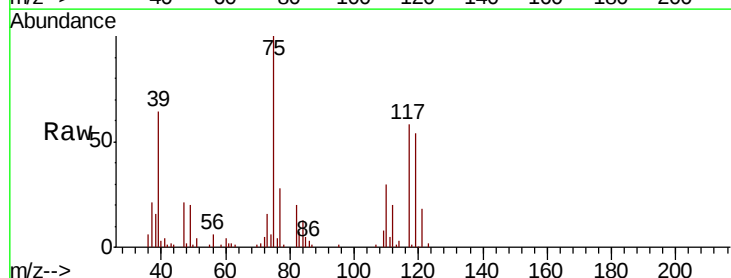


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

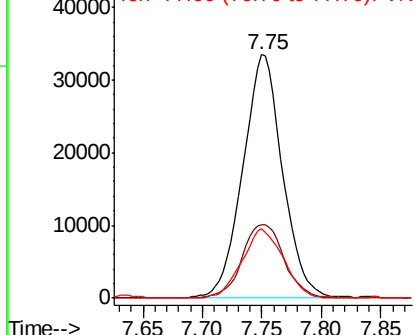
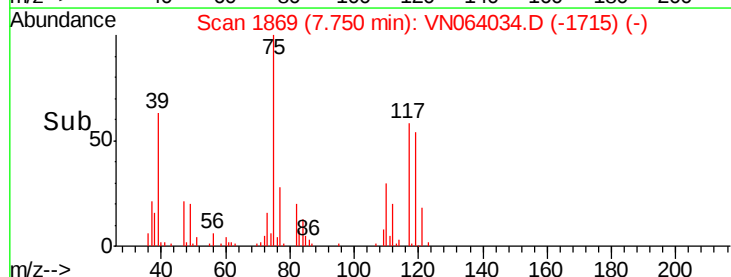


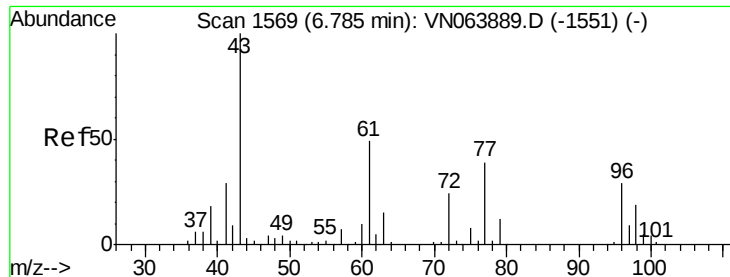
#29
 1,1-Dichloropropene
 Concen: 18.331 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 75 Resp: 77537
 Ion Ratio Lower Upper
 75 100
 110 31.7 0.0 70.6
 77 29.7 0.0 60.2



Abundance Ion 75.00 (74.70 to 75.70): VN
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN

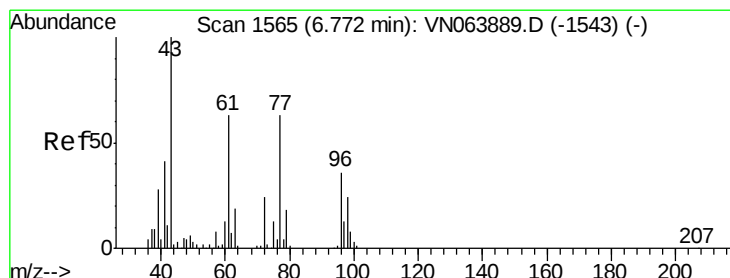
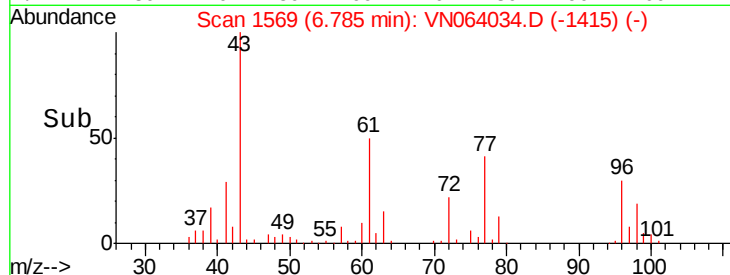
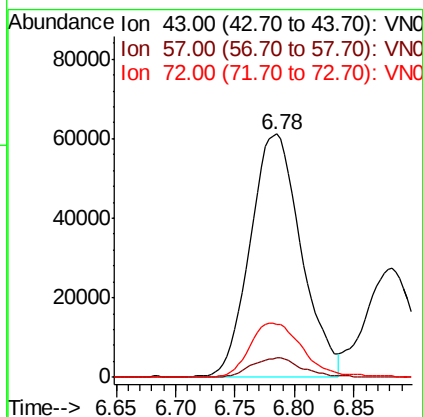
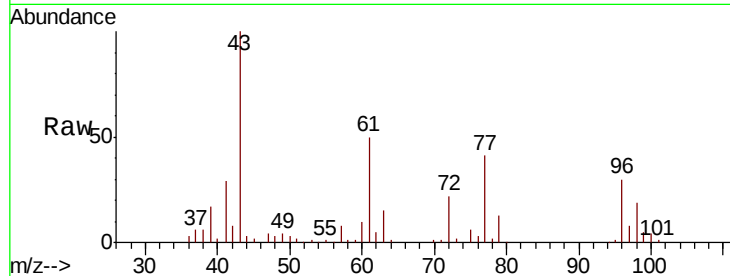




#30
2-Butanone
Concen: 87.078 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

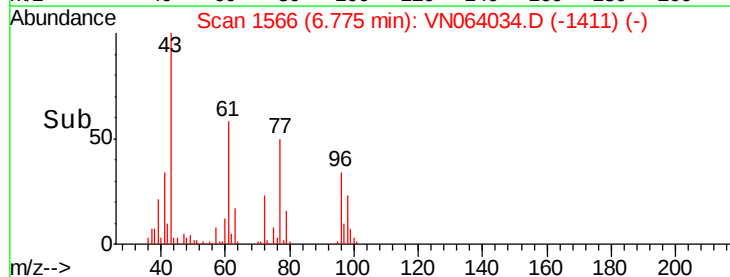
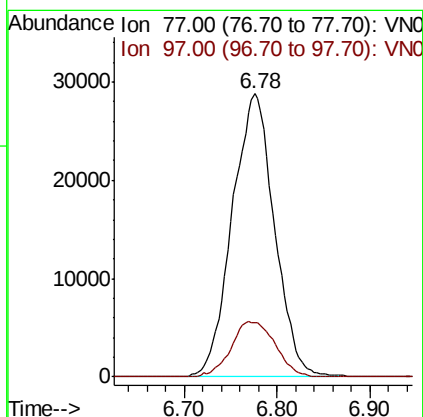
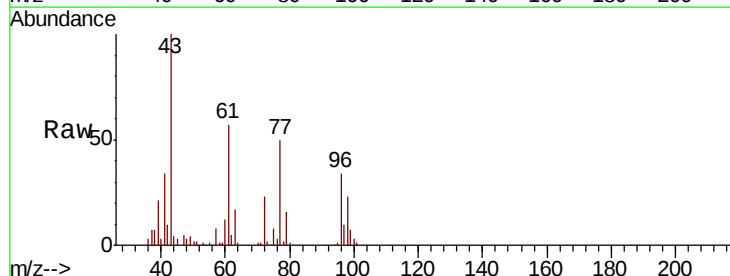
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

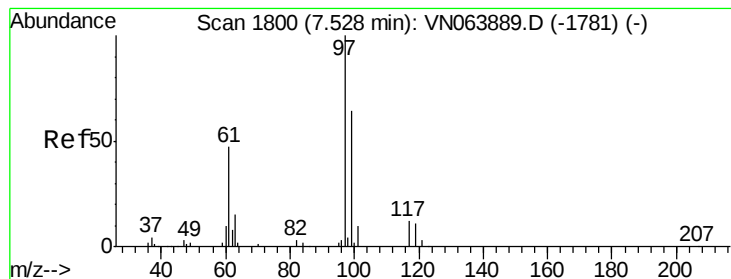
Tot Ion: 43 Resp: 180657
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 23.3 21.3 31.9



#31
2,2-Dichloropropane
Concen: 18.026 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 77 Resp: 91127
Ion Ratio Lower Upper
77 100
97 20.1 18.2 27.4





#32

1,1,1-Trichloroethane

Concen: 18.185 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN1009WBS01

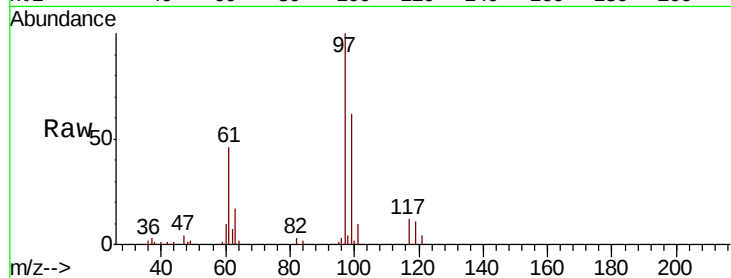
Tot Ion: 97 Resp: 98132

Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

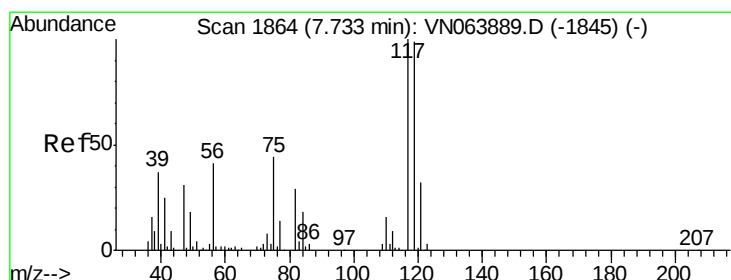
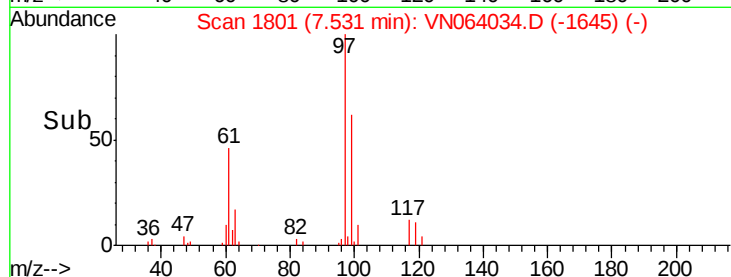
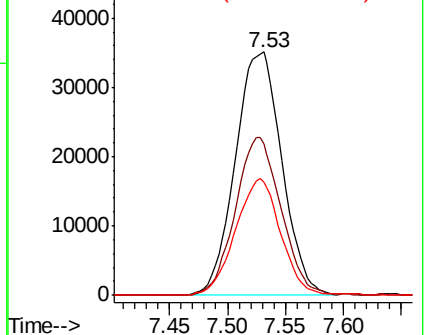
61 46.1 35.3 52.9



Abundance Ion 97.00 (96.70 to 97.70): VN064034.D (-1781) (-)

Ion 99.00 (98.70 to 99.70): VN064034.D (-1781) (-)

Ion 61.00 (60.70 to 61.70): VN064034.D (-1781) (-)



#33

Carbon Tetrachloride

Concen: 18.063 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

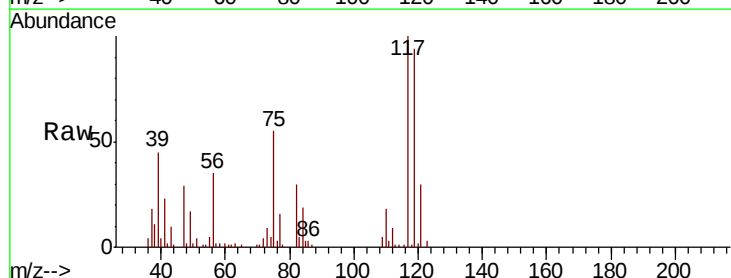
Tgt Ion: 117 Resp: 85400

Ion Ratio Lower Upper

117 100

119 94.4 73.0 109.4

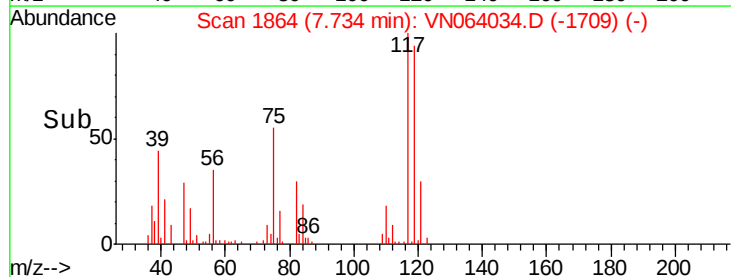
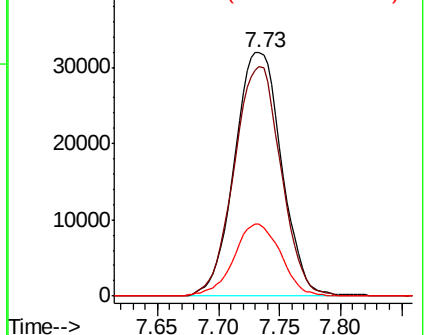
121 29.7 24.9 37.3

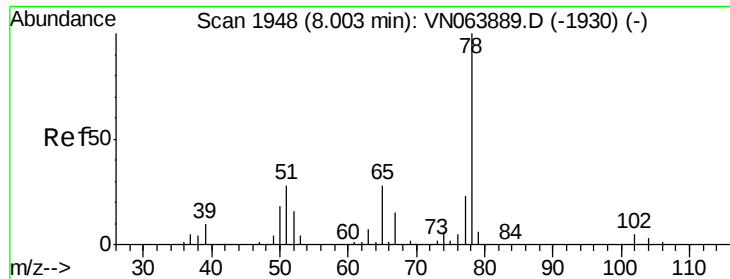


Abundance Ion 117.00 (116.70 to 117.70): VN064034.D (-1845) (-)

Ion 119.00 (118.70 to 119.70): VN064034.D (-1845) (-)

Ion 121.00 (120.70 to 121.70): VN064034.D (-1845) (-)





#34

Benzene

Concen: 18.595 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

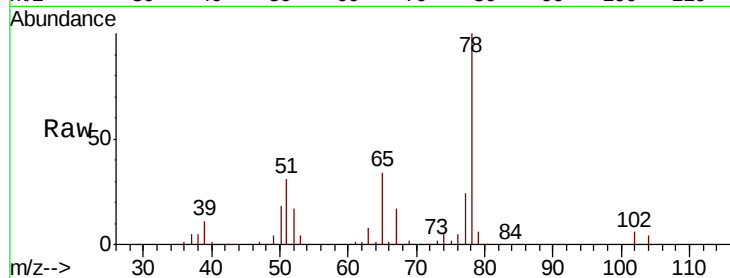
Tot Ion: 78 Resp: 223633

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

51 30.0 22.2 33.2

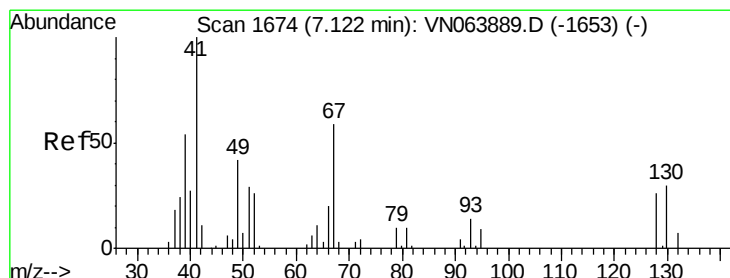
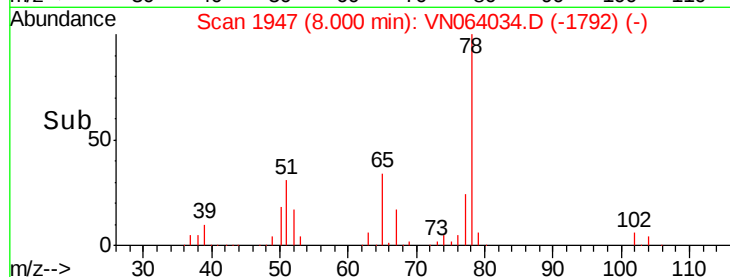
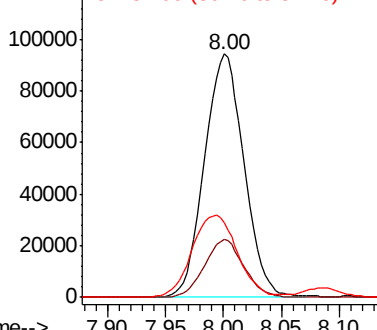


Abundance

Ion 78.10 (77.80 to 78.80): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#35

Methacrylonitrile

Concen: 18.150 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Tgt Ion: 41 Resp: 35790

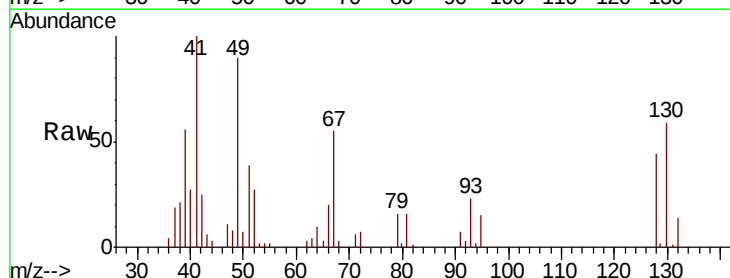
Ion Ratio Lower Upper

41 100

39 54.8 23.7 71.1

67 54.7 31.6 94.7

52 26.7 13.1 39.3



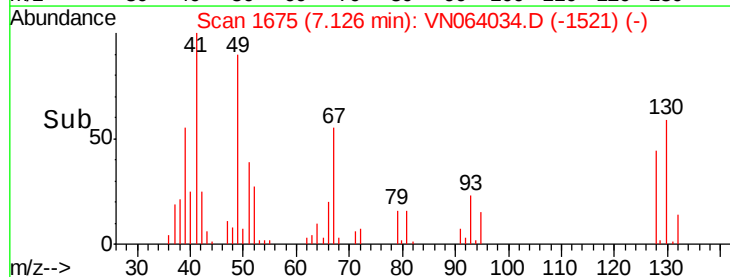
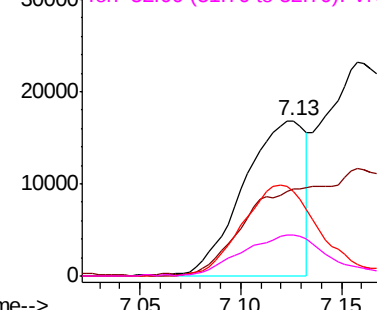
Abundance

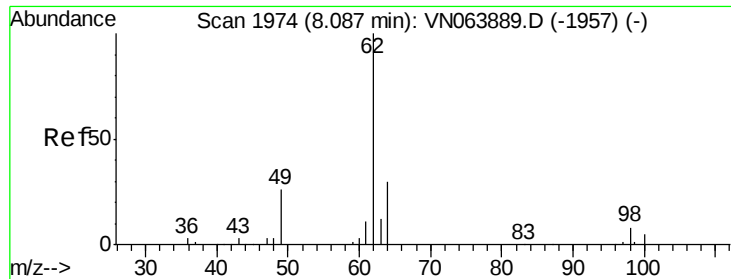
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

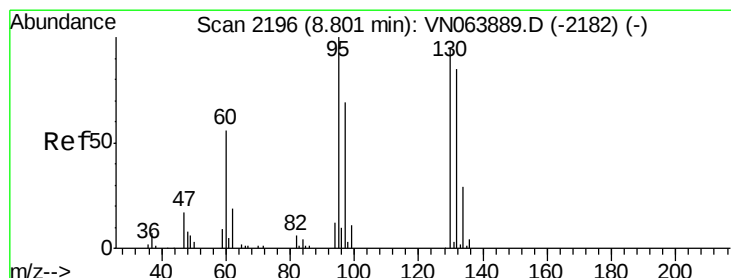
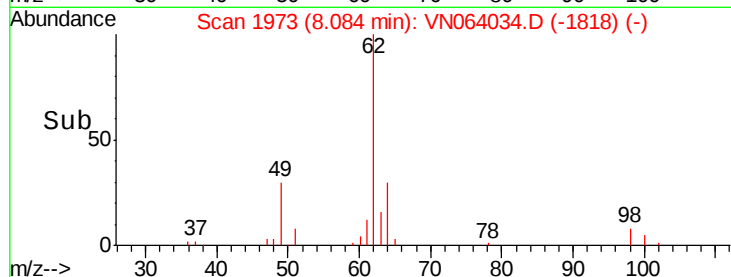
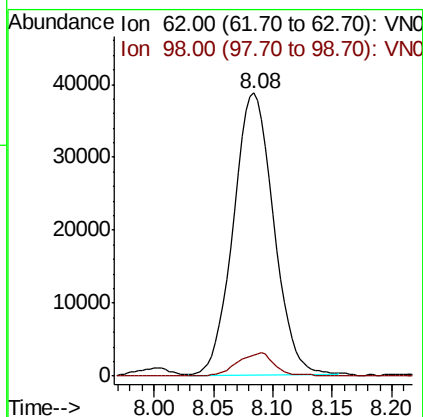
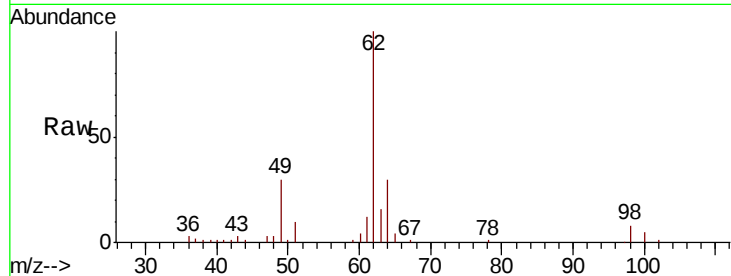




#36
 1,2-Dichloroethane
 Concen: 17.130 ug/l
 RT: 8.08 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

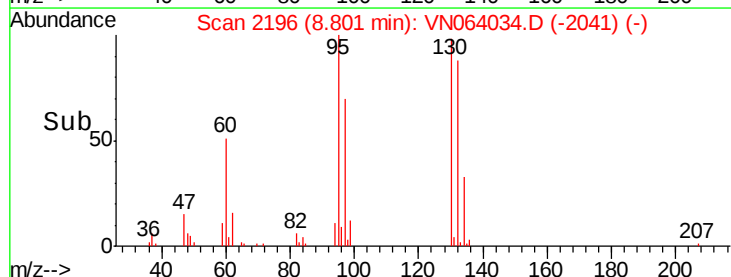
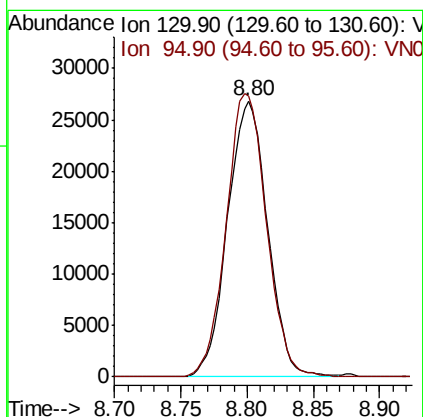
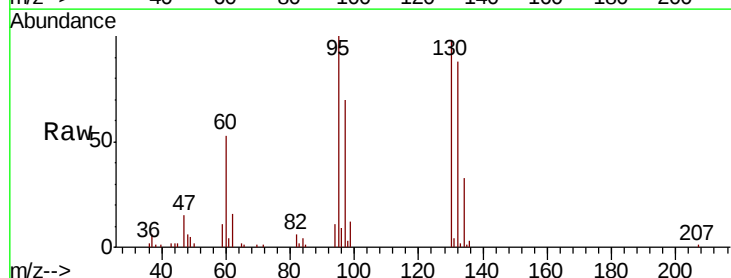
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

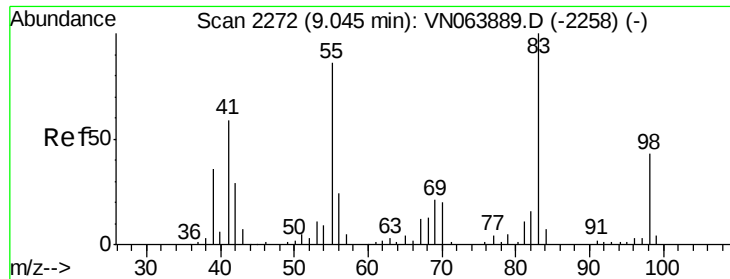
Tot Ion: 62 Resp: 90514
 Ion Ratio Lower Upper
 62 100
 98 7.7 7.6 11.4



#37
 Trichloroethene
 Concen: 17.875 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion:130 Resp: 56325
 Ion Ratio Lower Upper
 130 100
 95 101.8 78.9 118.3

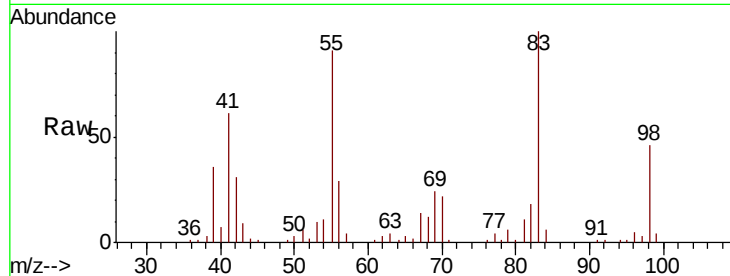




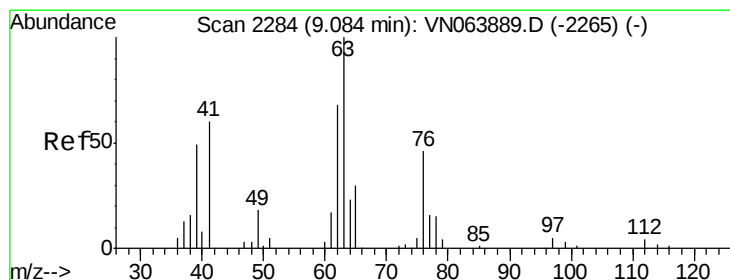
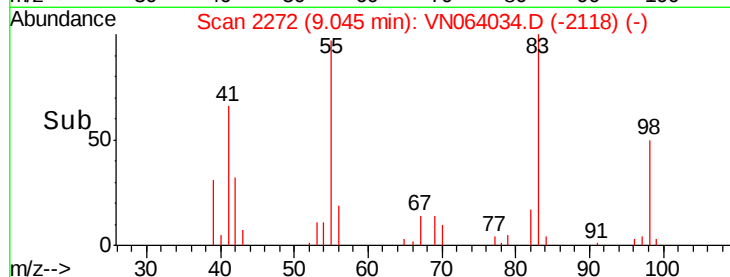
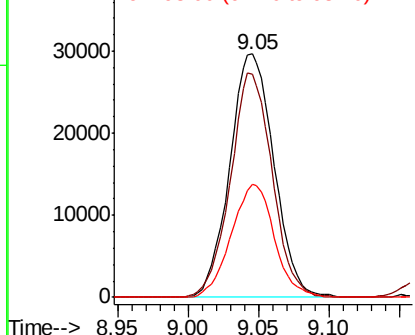
#38
Methylcyclohexane
Concen: 18.202 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion: 83 Resp: 65010
Ion Ratio Lower Upper
83 100
55 86.9 41.9 125.7
98 45.2 22.2 66.6

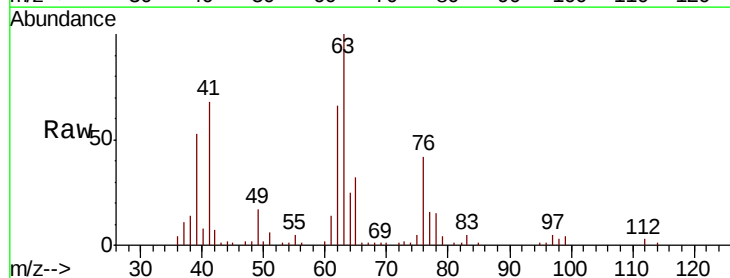


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

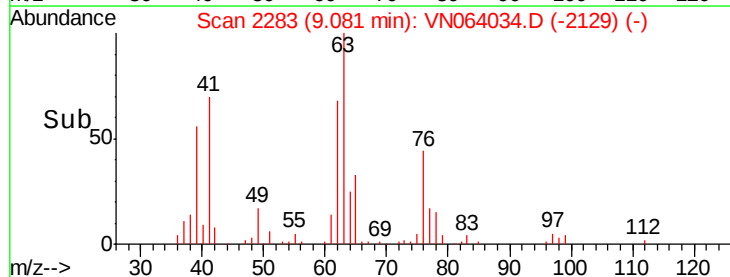
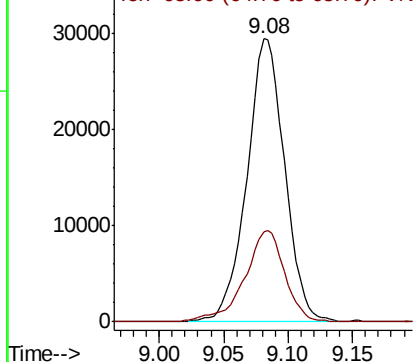


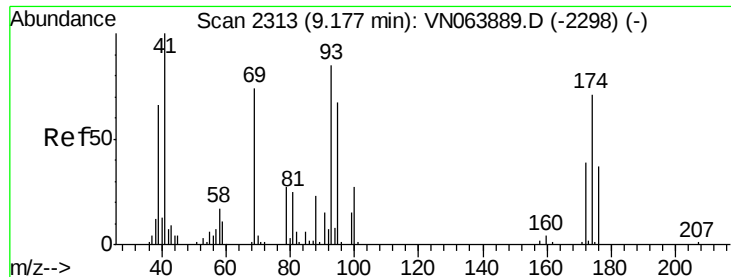
#39
1,2-Dichloropropane
Concen: 18.467 ug/l
RT: 9.08 min Scan# 2283
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 63 Resp: 60345
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

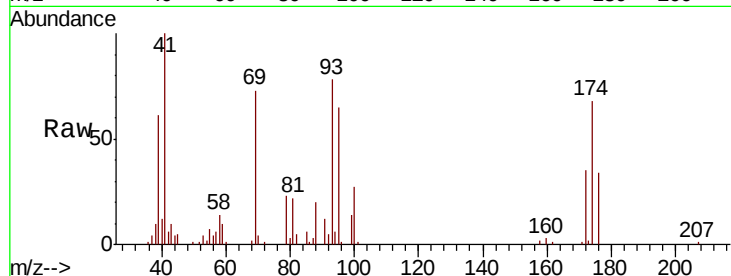




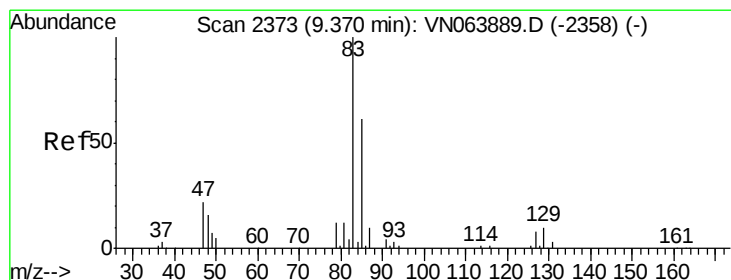
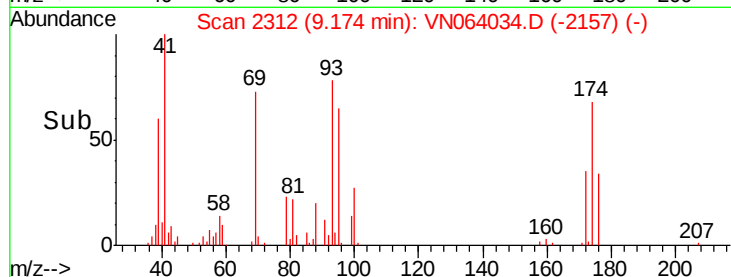
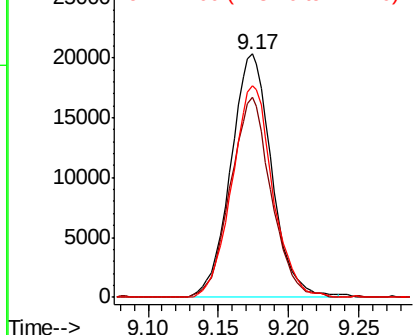
#40
Dibromomethane
Concen: 18.015 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

Tot Ion: 93 Resp: 41115
Ion Ratio Lower Upper
93 100
95 82.0 0.0 168.2
174 86.4 0.0 208.4

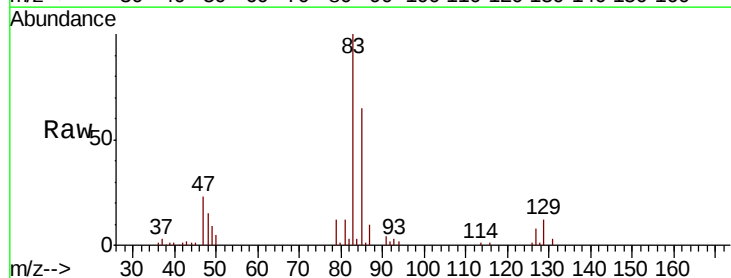


Abundance Ion 93.00 (92.70 to 93.70): VN0
Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V

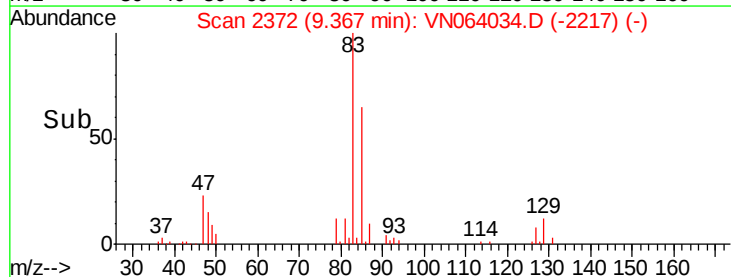
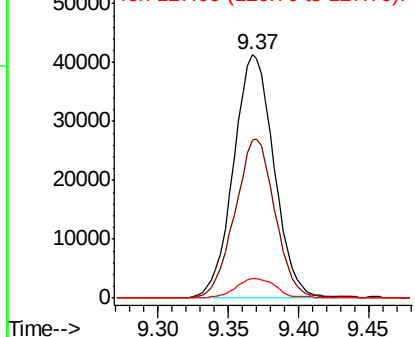


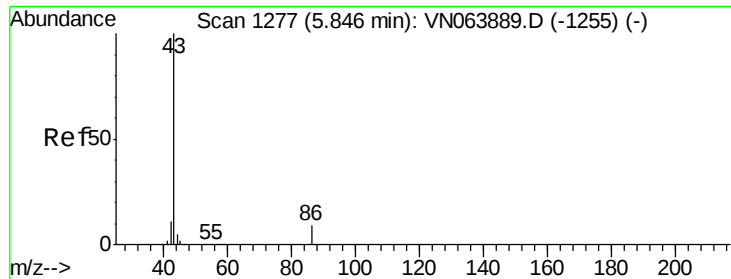
#41
Bromodichloromethane
Concen: 17.493 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 83 Resp: 82977
Ion Ratio Lower Upper
83 100
85 64.7 52.6 79.0
127 8.2 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 90.598 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

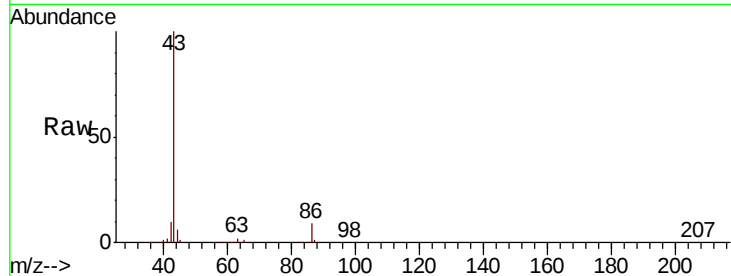
VN1009WBS01

Tot Ion: 43 Resp: 780090

Ion Ratio Lower Upper

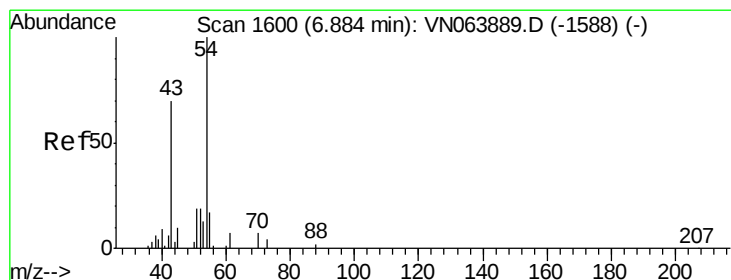
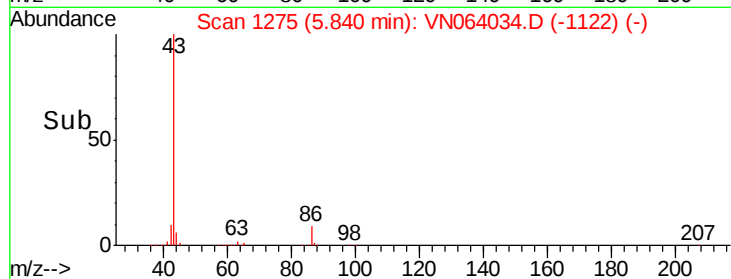
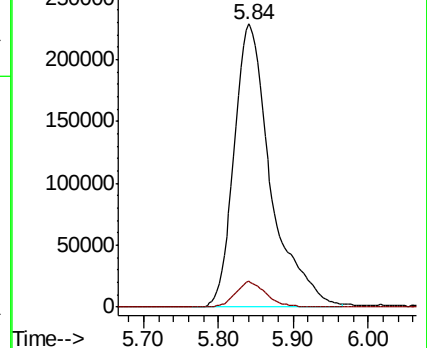
43 100

86 7.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#43

Ethyl Acetate

Concen: 14.884 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN064034.D

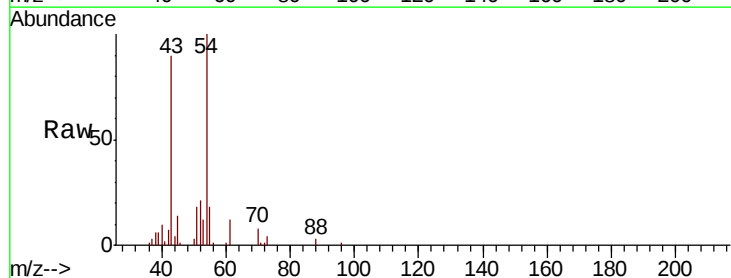
Acq: 9 Oct 2020 13:36

Tgt Ion: 43 Resp: 66126

Ion Ratio Lower Upper

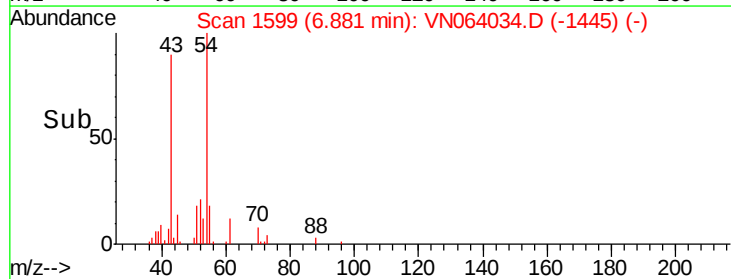
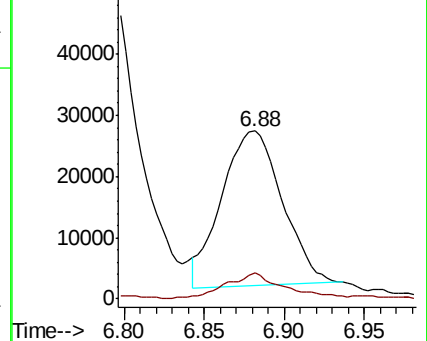
43 100

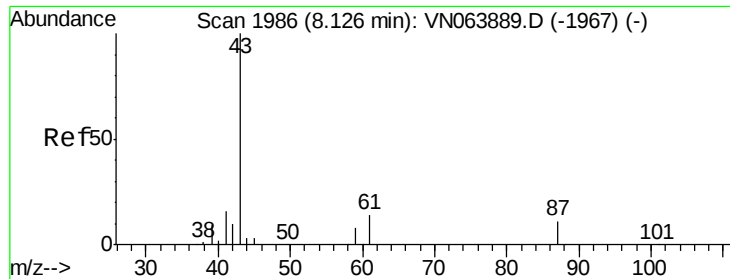
45 15.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



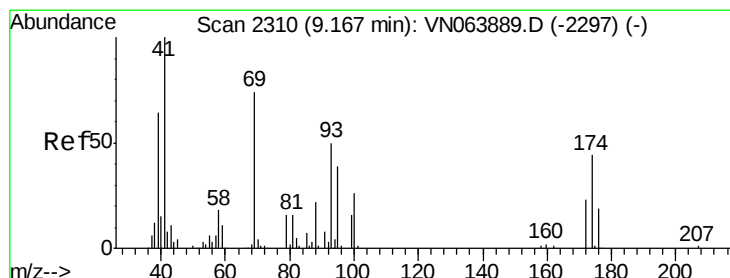
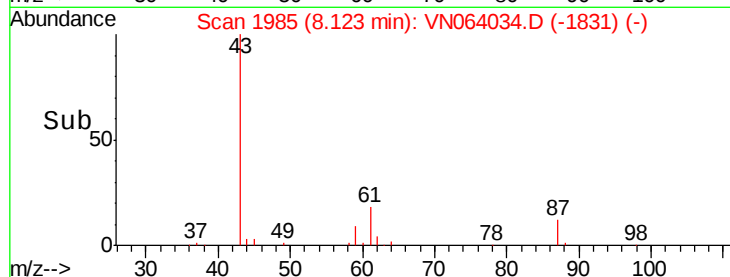
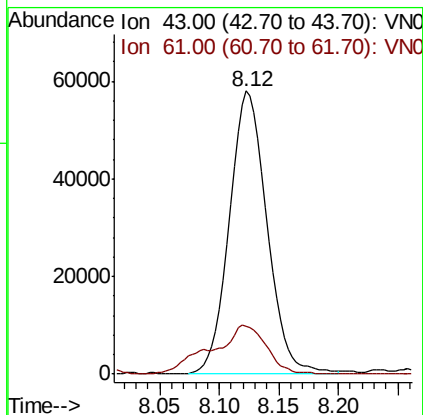
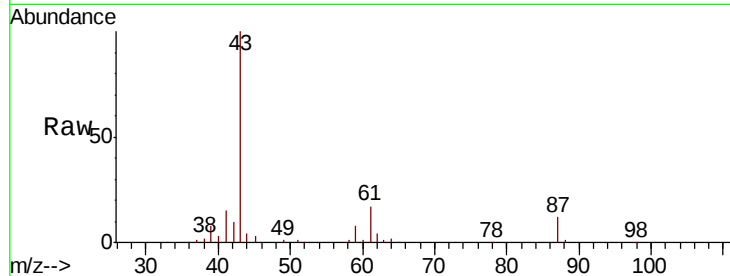


#44

Isopropyl Acetate
 Concen: 17.130 ug/l
 RT: 8.12 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

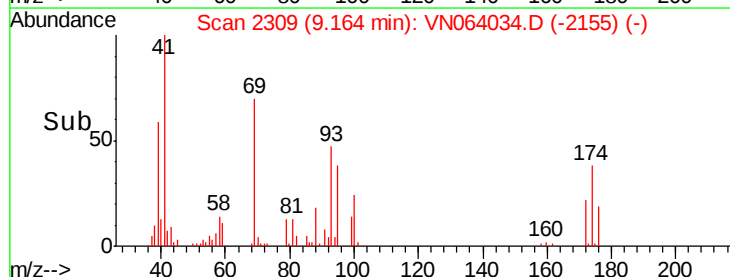
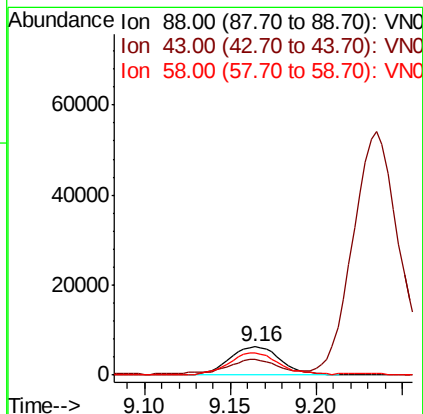
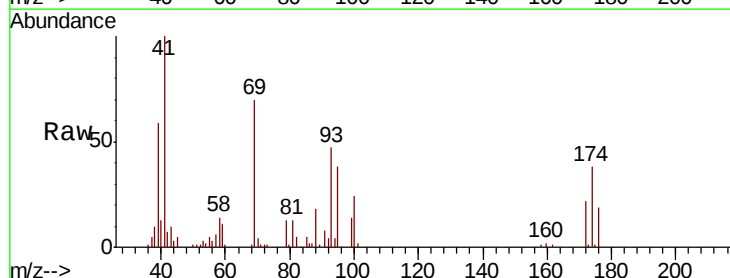
Tot Ion: 43 Resp: 126127
 Ion Ratio Lower Upper
 43 100
 61 14.9 17.5 26.3#

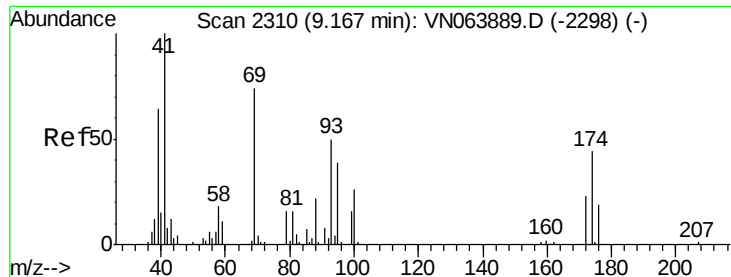


#45

1,4-Dioxane
 Concen: 278.688 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 88 Resp: 13156
 Ion Ratio Lower Upper
 88 100
 43 39.8 28.5 42.7
 58 77.3 59.6 89.4

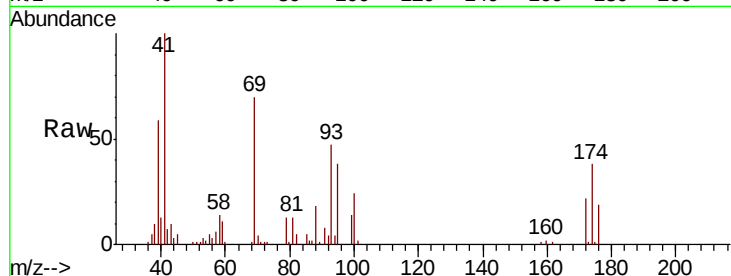




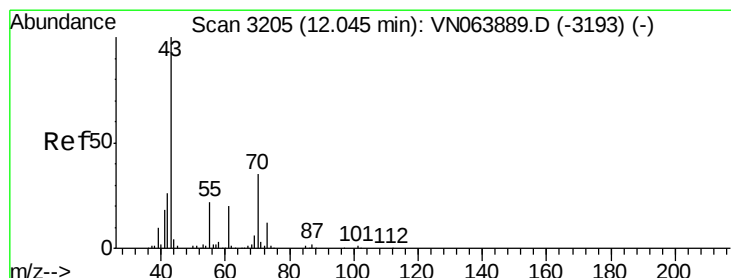
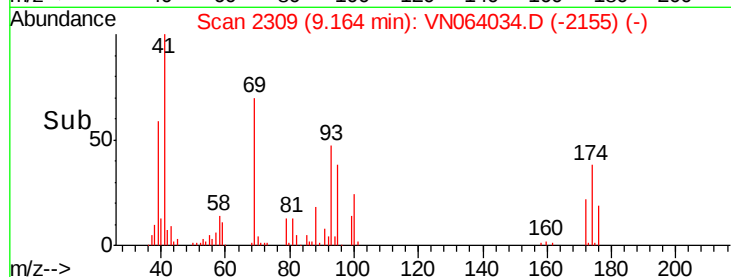
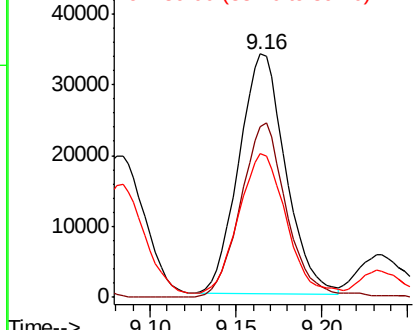
#46
Methvl methacrylate
Concen: 17.420 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion: 41 Resp: 63814
Ion Ratio Lower Upper
41 100
69 71.5 42.6 128.0
39 58.1 25.1 75.4

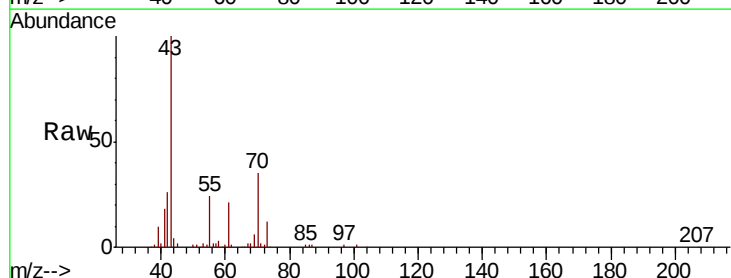


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

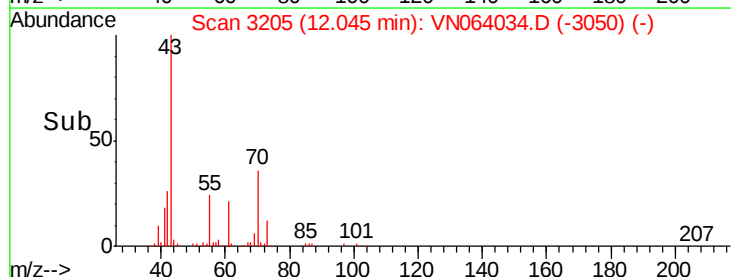
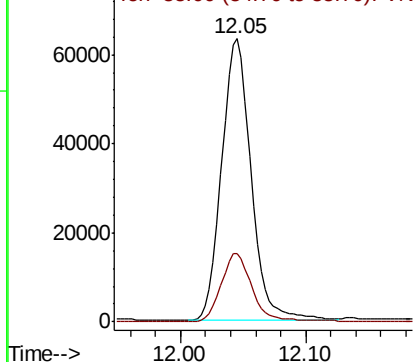


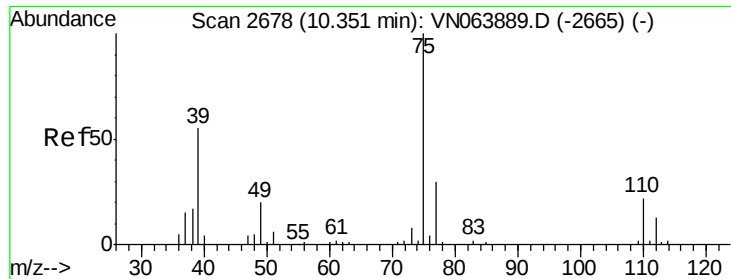
#47
n-aml Acetate
Concen: 15.721 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 43 Resp: 102916
Ion Ratio Lower Upper
43 100
55 25.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 55.00 (54.70 to 55.70): VN0

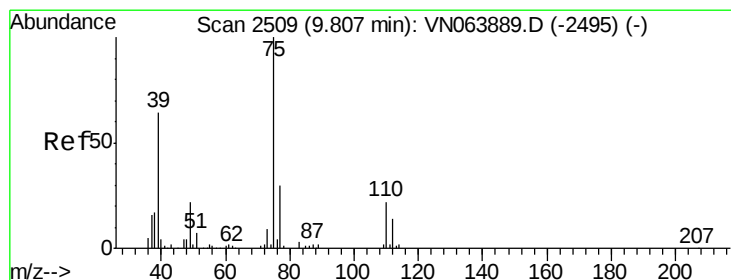
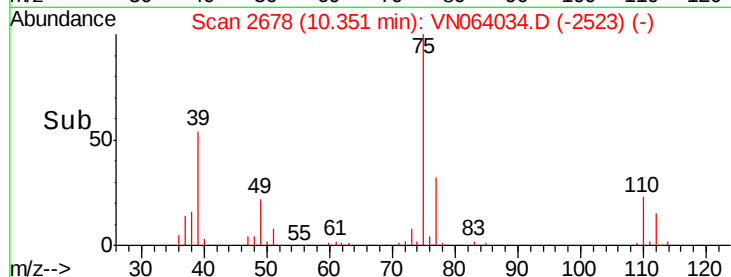
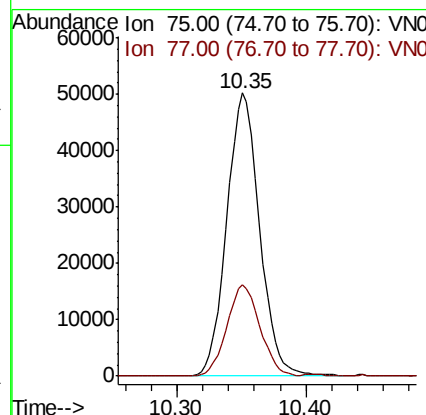
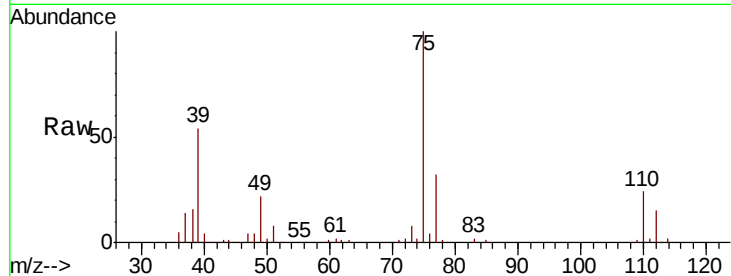




#48
t-1,3-Dichloropropene
Concen: 17.292 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

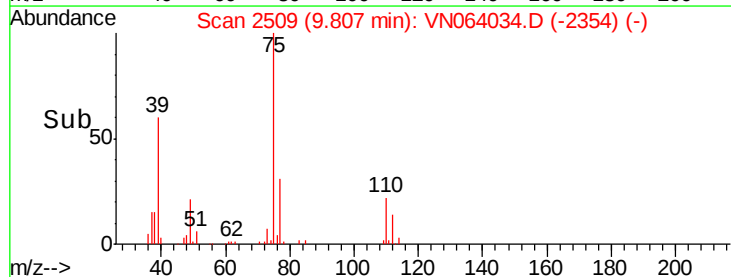
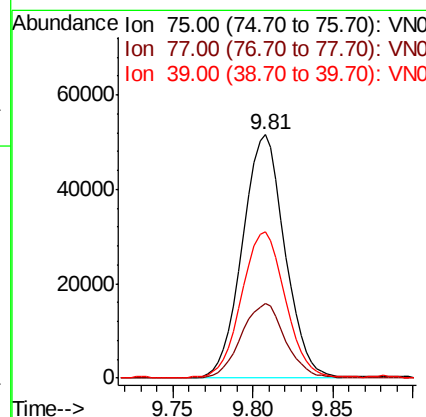
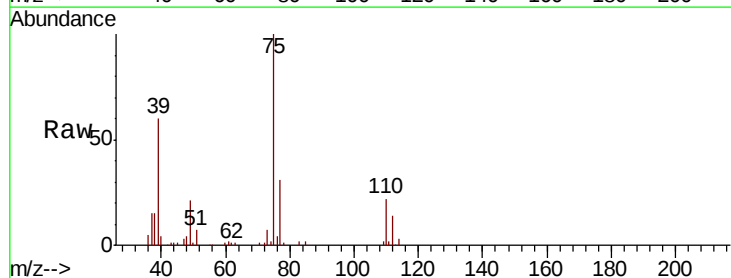
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

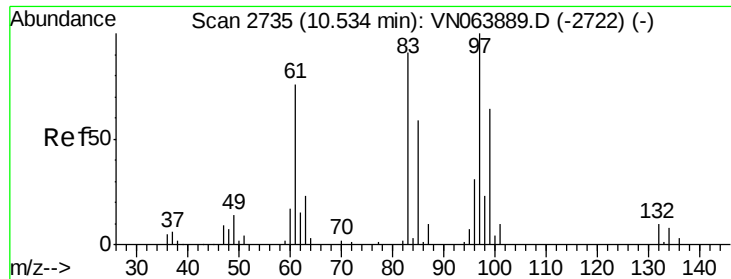
Tot Ion: 75 Resp: 88635
Ion Ratio Lower Upper
75 100
77 32.1 23.8 35.8



#49
cis-1,3-Dichloropropene
Concen: 17.572 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 75 Resp: 93403
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 59.5 34.5 51.7#

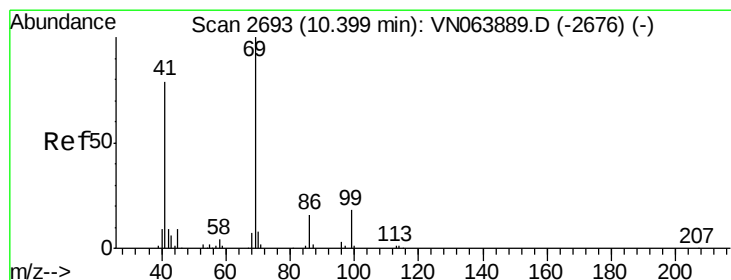
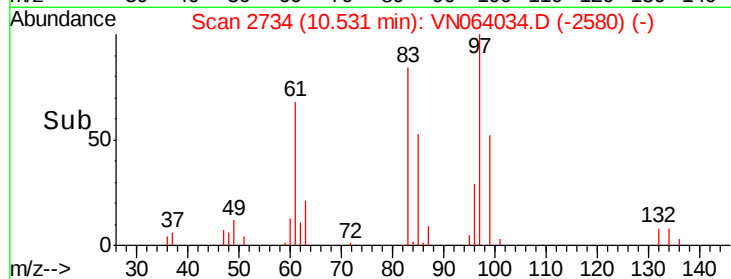
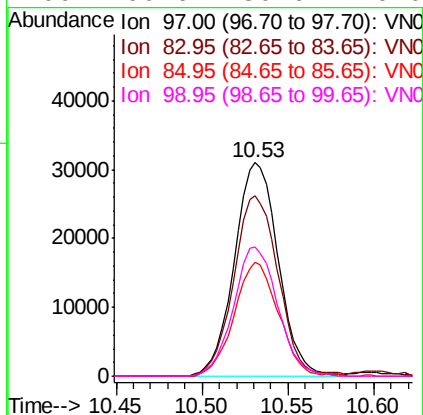
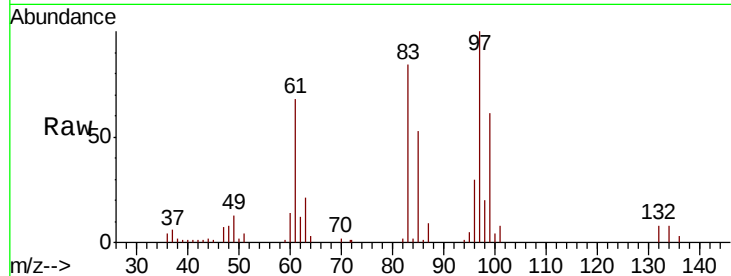




#50
 1,1,2-Trichloroethane
 Concen: 18.060 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

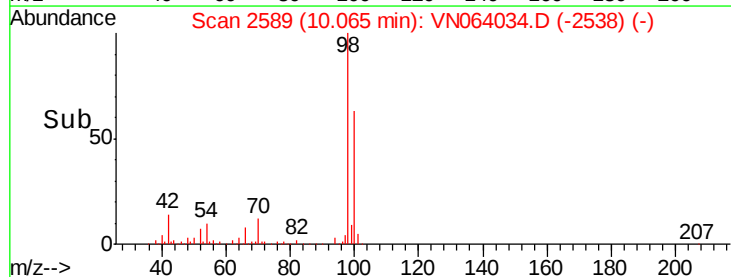
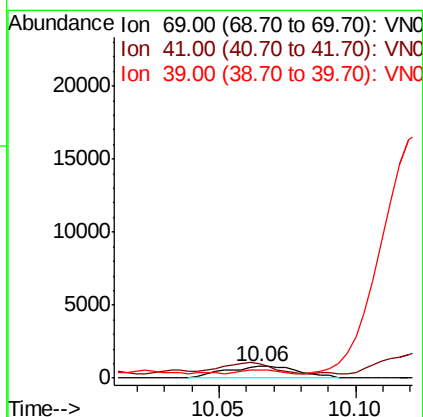
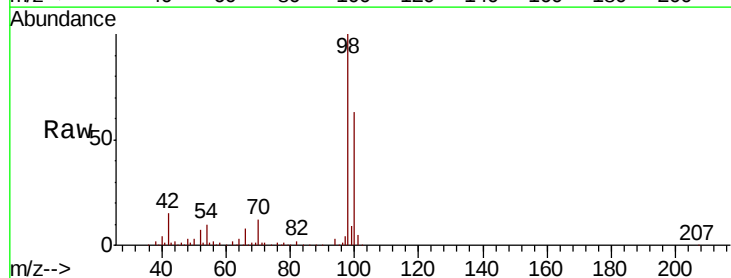
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

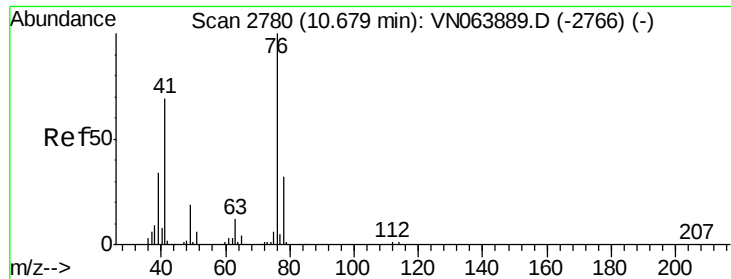
Tot Ion:	97	Resp:	55038
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.9	104.9
85	53.3	44.0	66.0
99	60.6	50.6	76.0



#51
 Ethyl methacrylate
 Concen: 0.346 ug/l
 RT: 10.06 min Scan# 2589
 Delta R.T. -0.34 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion:	69	Resp:	1528
Ion	Ratio	Lower	Upper
69	100		
41	88.4	32.1	96.5
39	32.9	16.1	48.3





#52

1,3-Dichloropropane

Concen: 17.493 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

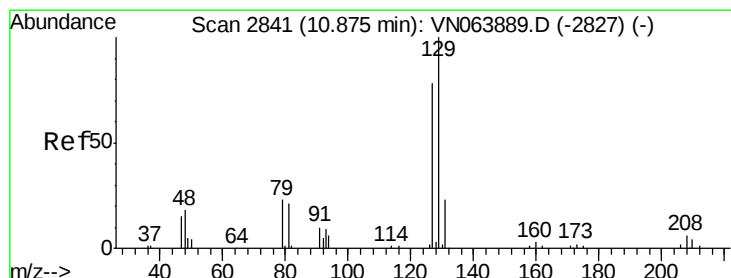
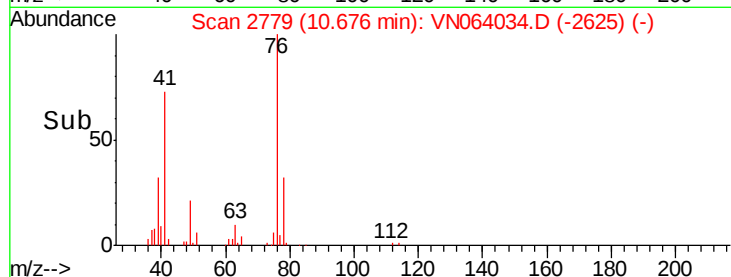
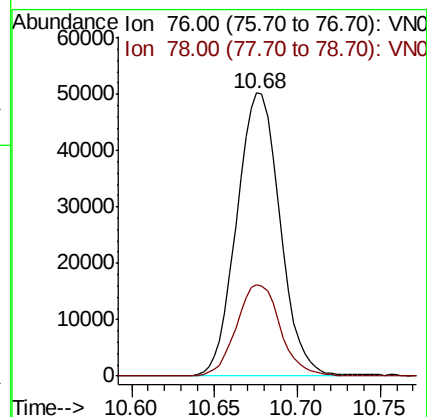
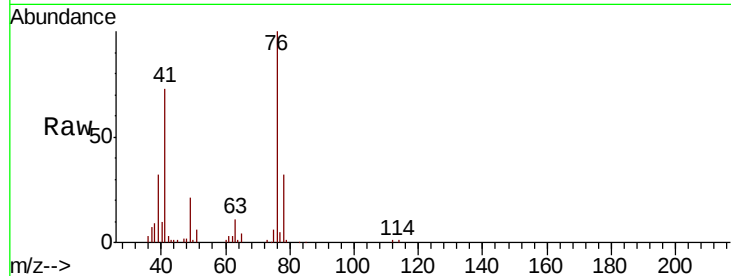
VN1009WBS01

Tot Ion: 76 Resp: 91319

Ion Ratio Lower Upper

76 100

78 32.7 0.0 63.2



#53

Dibromochloromethane

Concen: 17.412 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064034.D

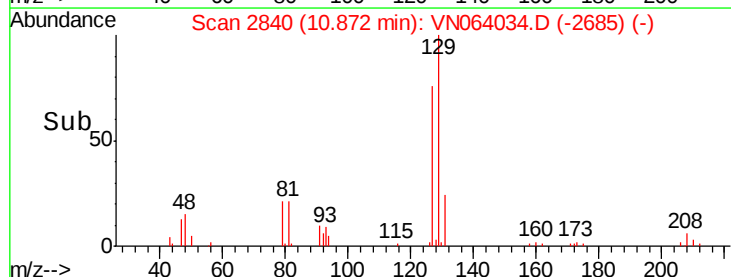
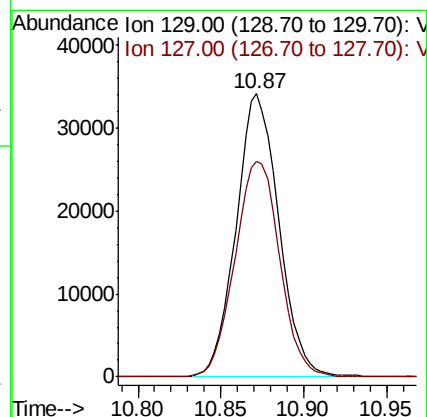
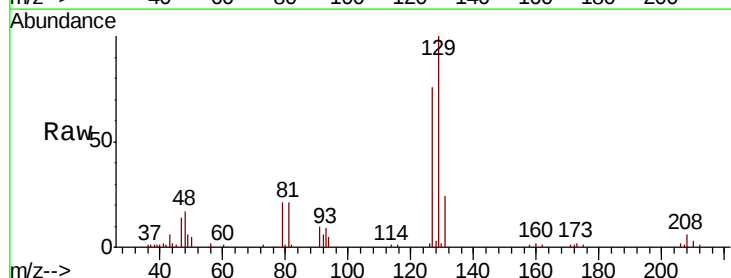
Acq: 9 Oct 2020 13:36

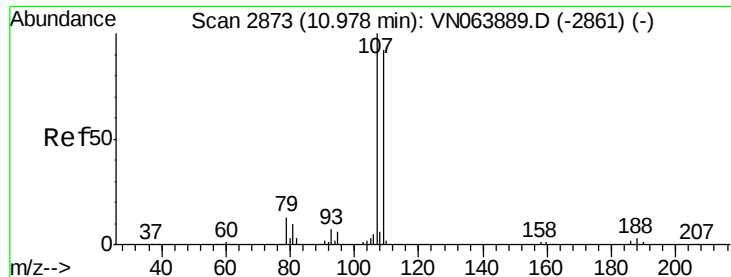
Tgt Ion: 129 Resp: 61073

Ion Ratio Lower Upper

129 100

127 79.6 38.7 116.1

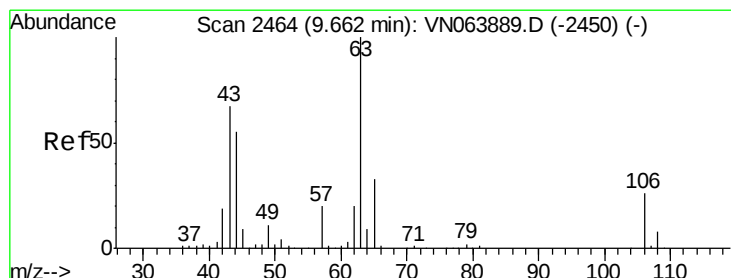
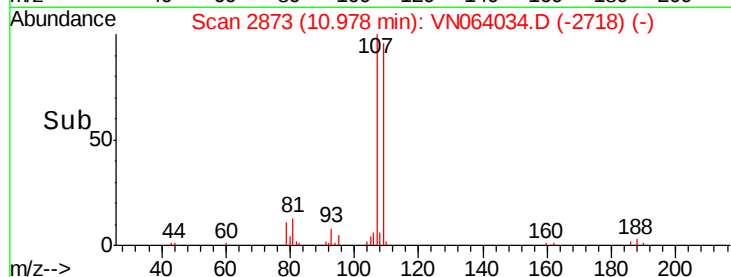
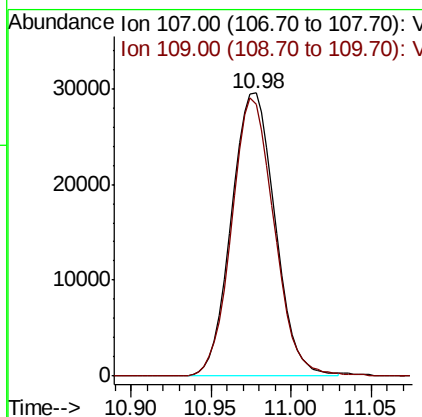
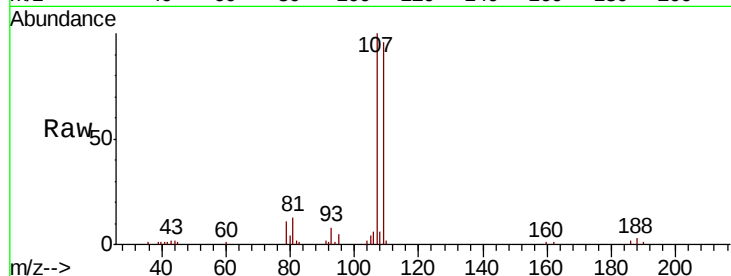




#54
 1,2-Dibromoethane
 Concen: 17.217 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

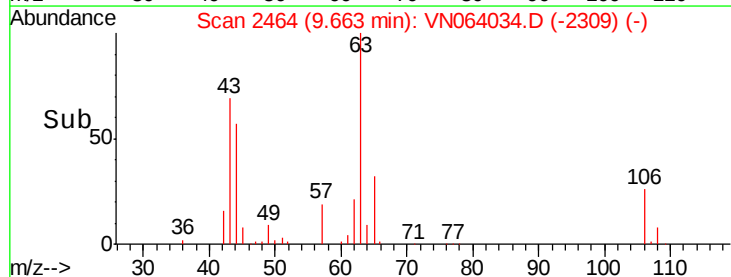
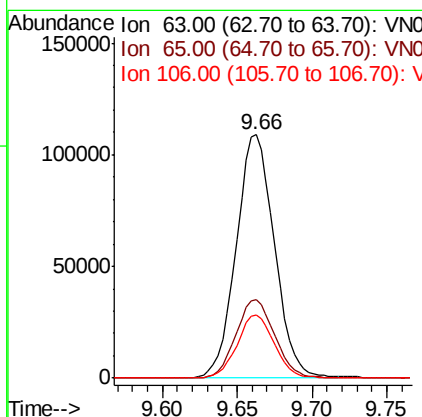
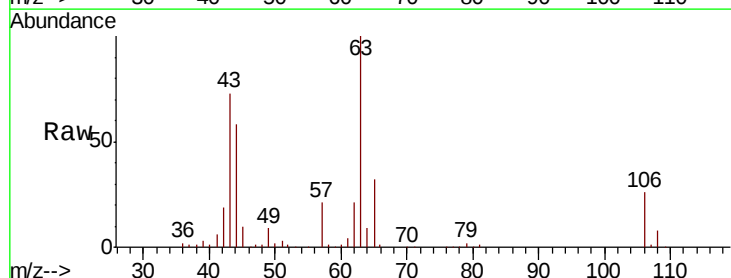
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

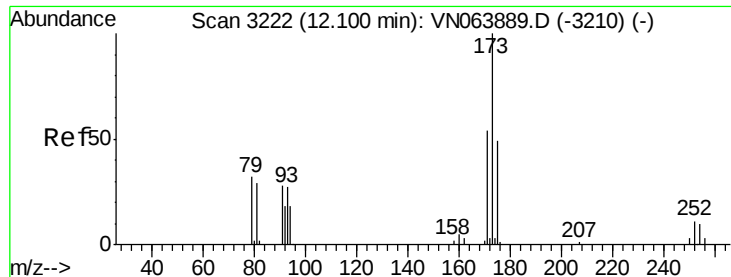
Tot Ion:107 Resp: 55014
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5



#55
 2-Chloroethyl vinyl ether
 Concen: 82.323 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 63 Resp: 194189
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.9 38.9
 106 25.4 19.9 29.9

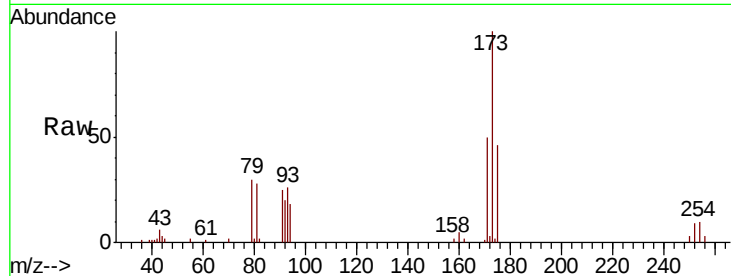




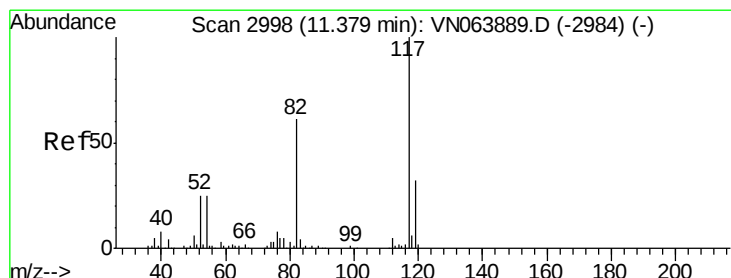
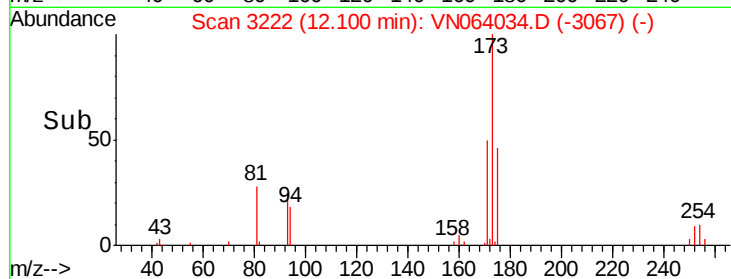
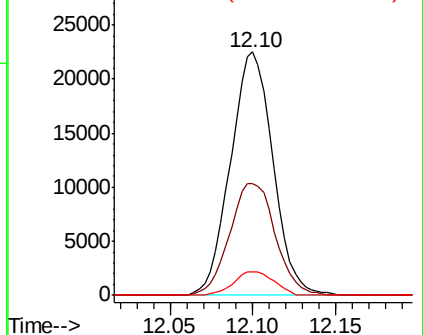
#56
Bromoform
Concen: 16.508 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion:173 Resp: 40122
Ion Ratio Lower Upper
173 100
175 49.3 41.2 61.8
254 9.3 9.0 13.4

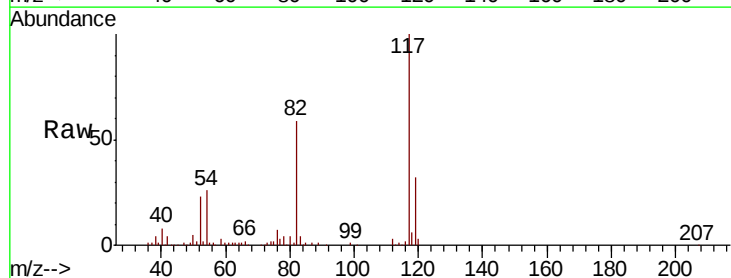


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

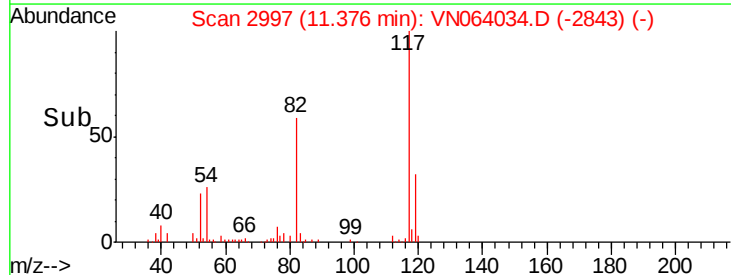
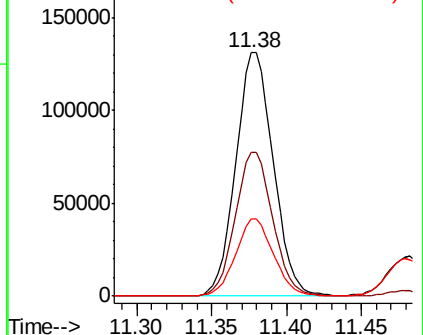


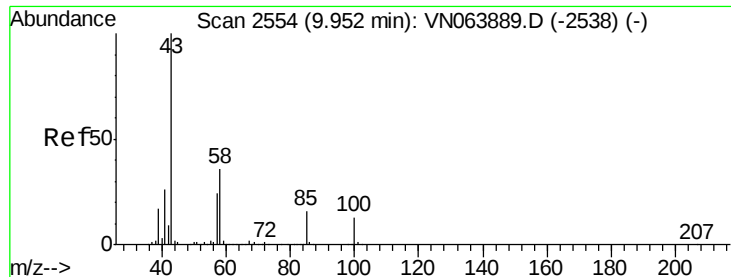
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion:117 Resp: 229379
Ion Ratio Lower Upper
117 100
82 58.7 44.9 67.3
119 32.0 26.0 39.0



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

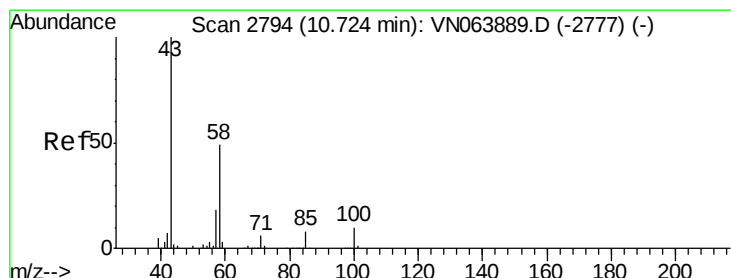
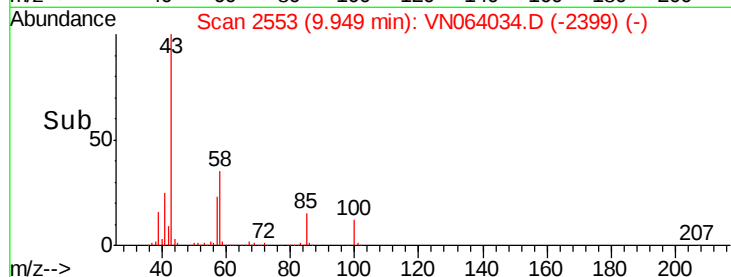
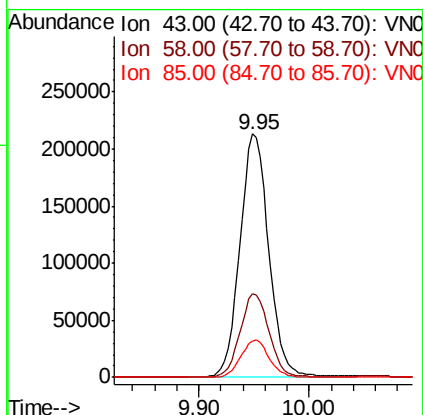
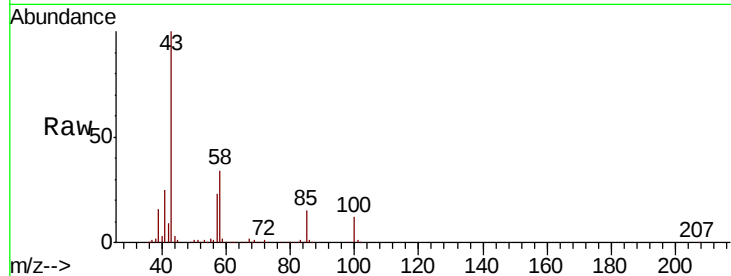




#58
4-Methyl-2-Pentanone
Concen: 86.406 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

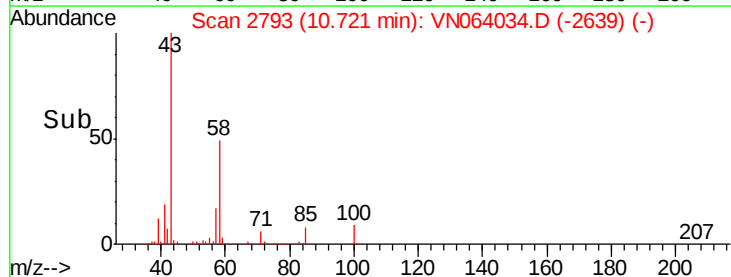
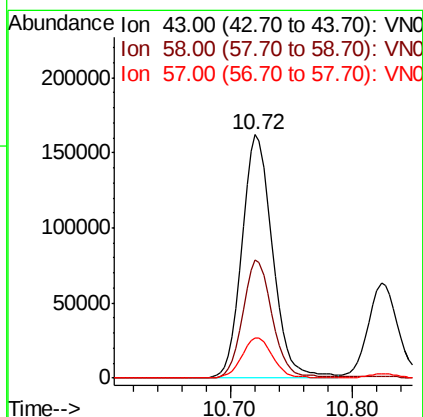
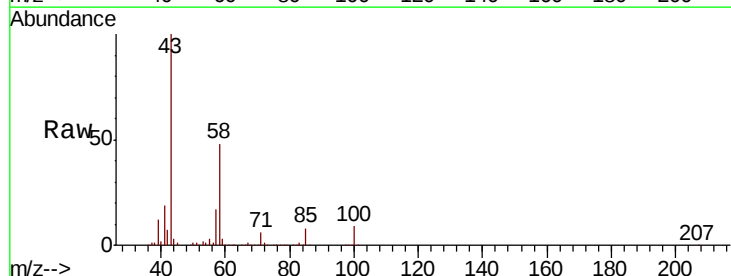
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

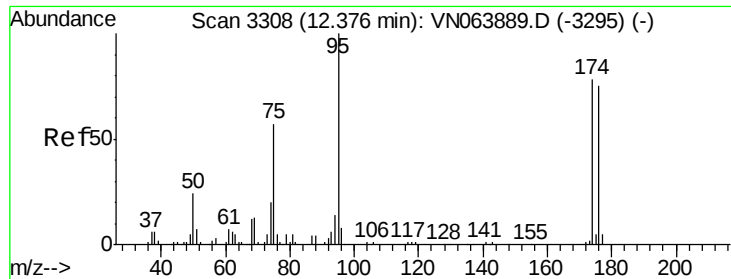
Tot Ion: 43 Resp: 384651
Ion Ratio Lower Upper
43 100
58 34.7 31.4 47.0
85 15.0 13.4 20.2



#59
2-Hexanone
Concen: 83.560 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 43 Resp: 277071
Ion Ratio Lower Upper
43 100
58 47.2 42.6 64.0
57 17.0 14.6 21.8

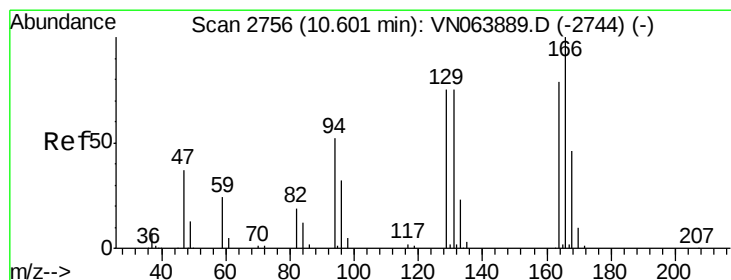
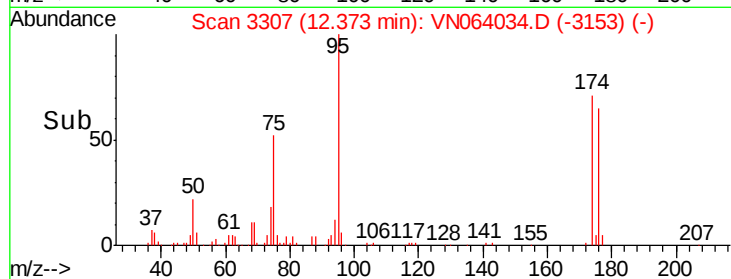
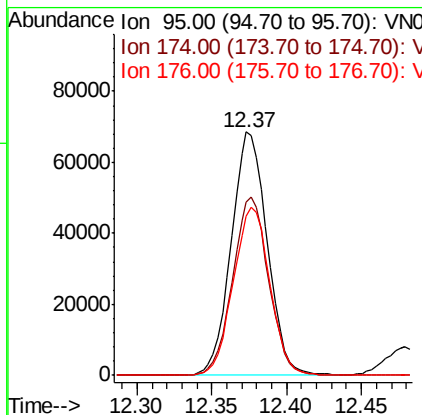
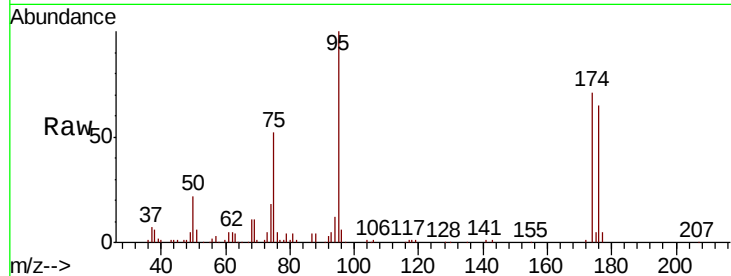




#60
4-Bromofluorobenzene
Concen: 29.255 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

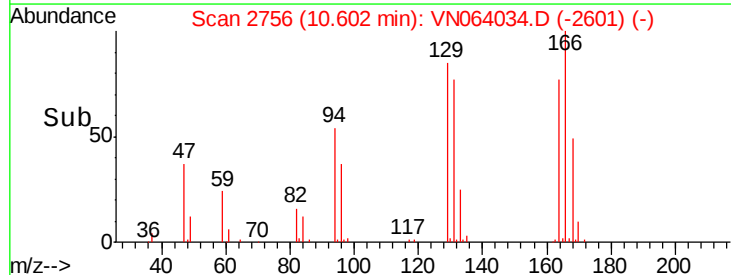
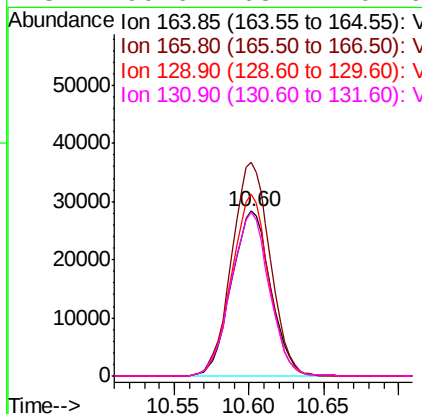
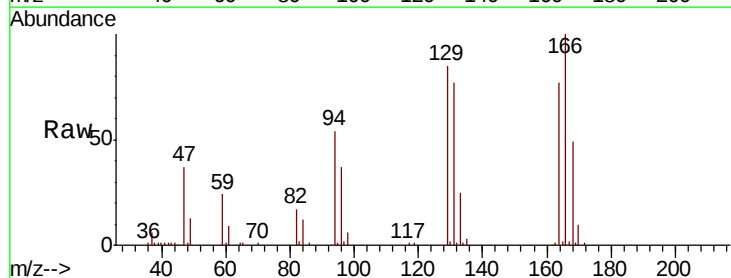
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

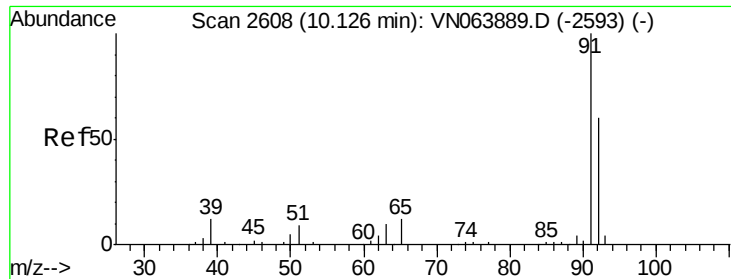
Tot Ion: 95 Resp: 114756
Ion Ratio Lower Upper
95 100
174 73.0 70.1 105.1
176 70.1 66.8 100.2



#61
Tetrachloroethene
Concen: 17.782 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 164 Resp: 51745
Ion Ratio Lower Upper
164 100
166 129.8 100.1 150.1
129 110.1 72.5 108.7#
131 99.6 68.4 102.6





#62

Toluene

Concen: 18.199 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

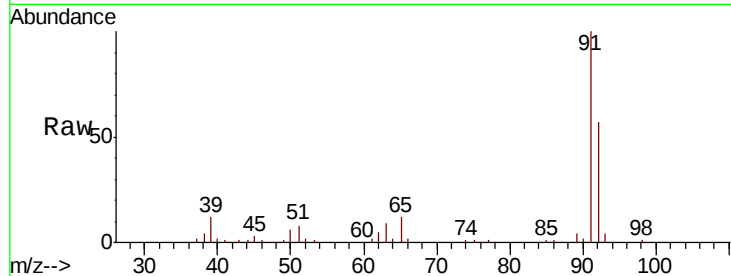
VN1009WBS01

Tot Ion: 91 Resp: 239756

Ion Ratio Lower Upper

91 100

92 56.6 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-2593) (-)

Ion 92.00 (91.70 to 92.70): VN063889.D (-2593) (-)

10.12

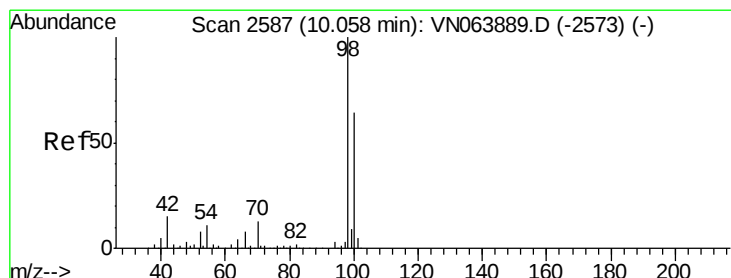
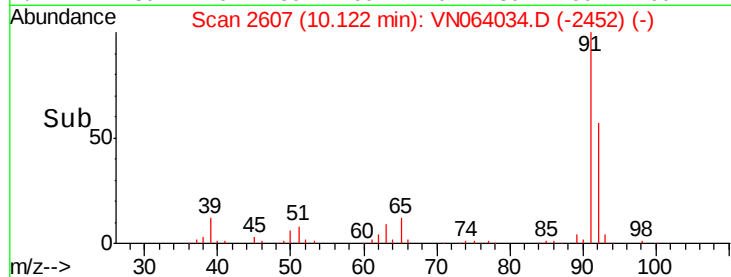
150000

100000

50000

0

Time-->



#63

Toluene-d8

Concen: 30.496 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064034.D

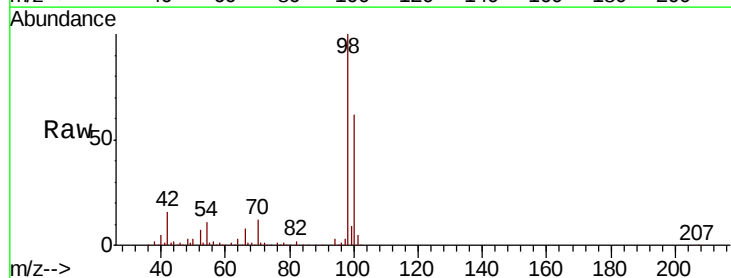
Acq: 9 Oct 2020 13:36

Tgt Ion: 98 Resp: 317016

Ion Ratio Lower Upper

98 100

100 63.0 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

200000

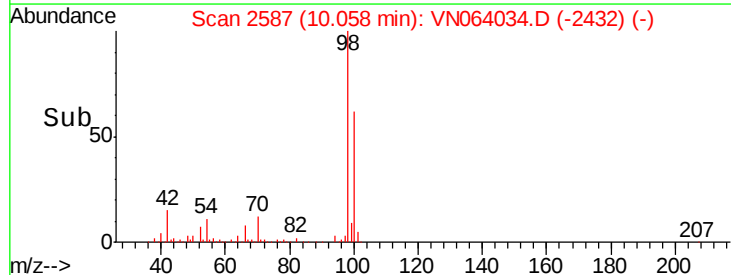
150000

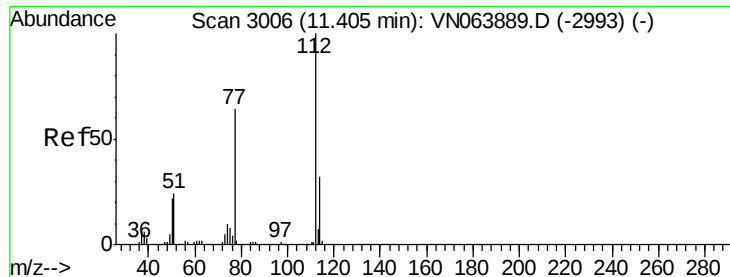
100000

50000

0

Time-->





#64

Chlorobenzene

Concen: 17.803 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

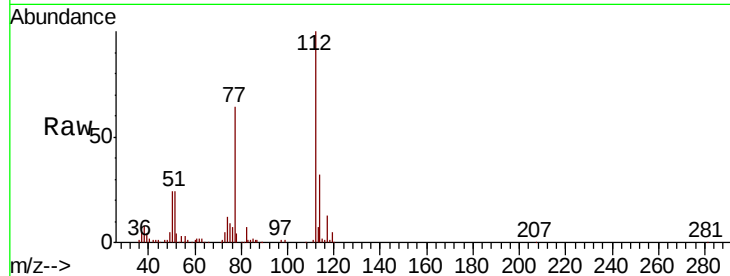
VN1009WBS01

Tot Ion:112 Resp: 142154

Ion Ratio Lower Upper

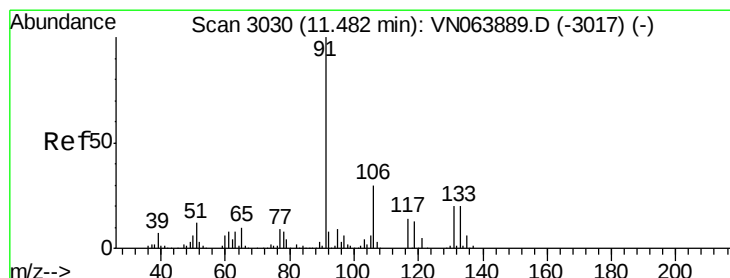
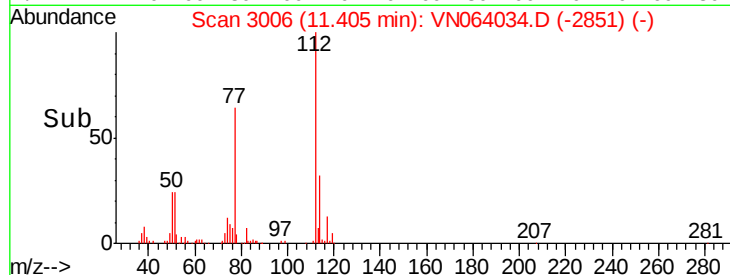
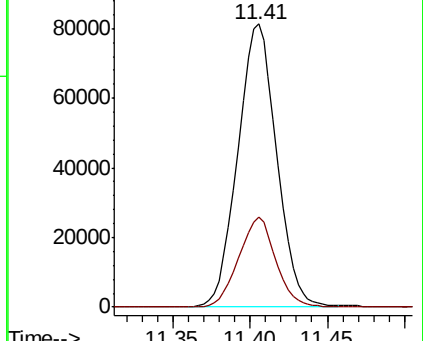
112 100

114 31.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 17.631 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

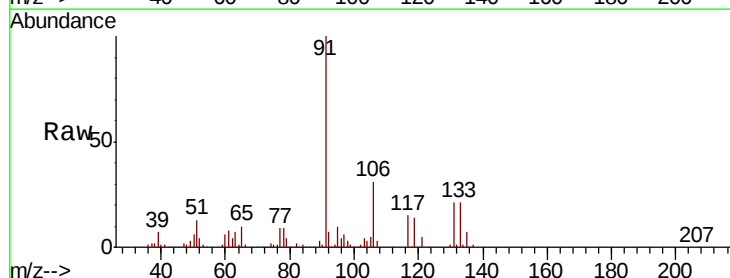
Tgt Ion:131 Resp: 55061

Ion Ratio Lower Upper

131 100

133 96.1 0.0 191.2

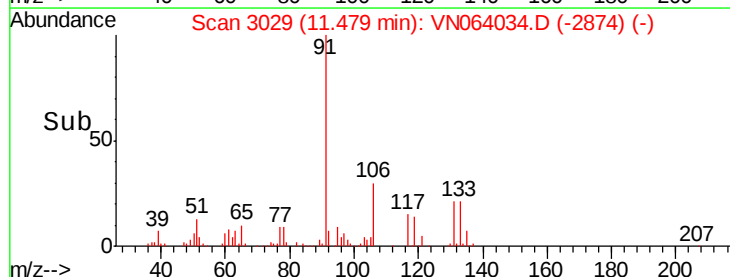
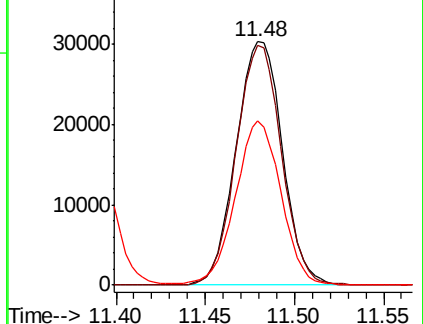
119 66.1 0.0 134.2

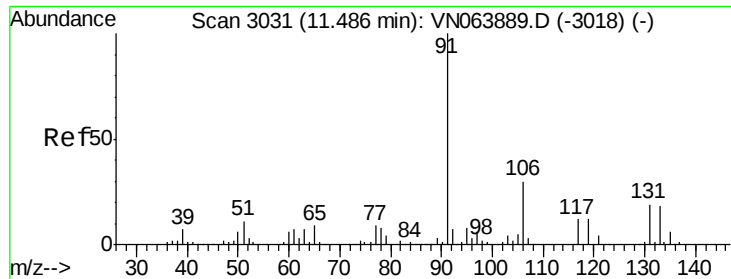


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

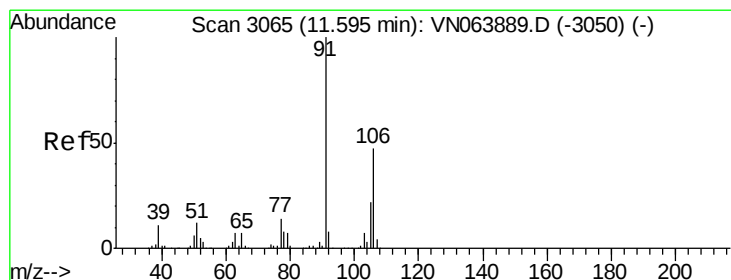
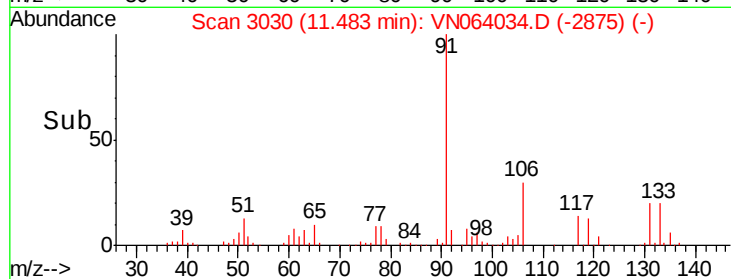
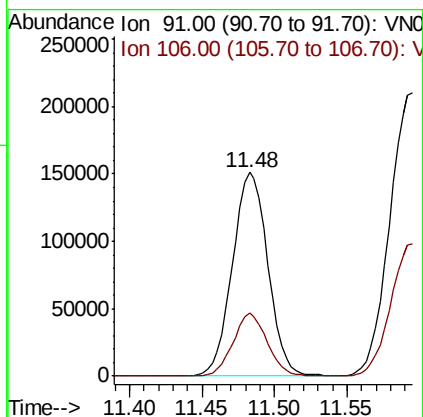
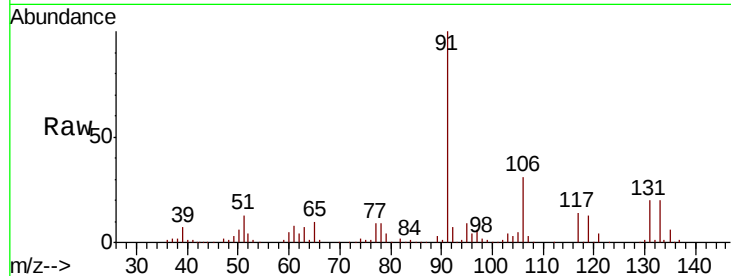




#66
Ethyl Benzene
Concen: 17.765 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

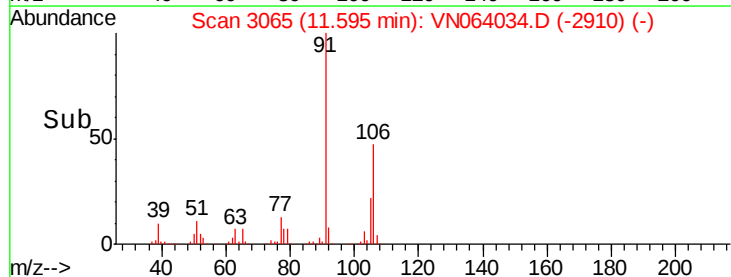
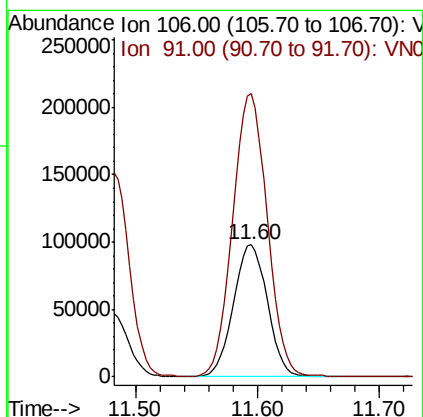
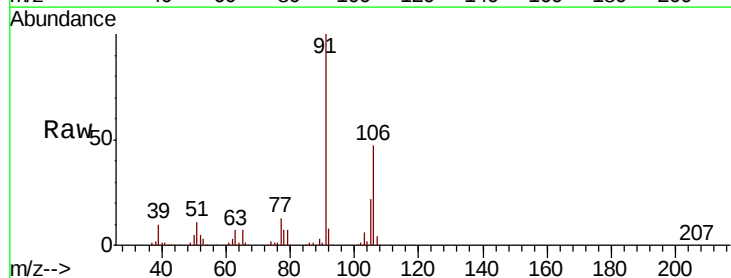
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

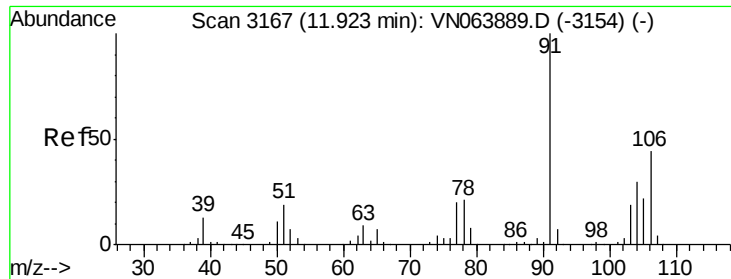
Tot Ion: 91 Resp: 257002
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#67
m/p-Xylenes
Concen: 35.131 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion: 106 Resp: 188996
Ion Ratio Lower Upper
106 100
91 217.8 164.9 247.3

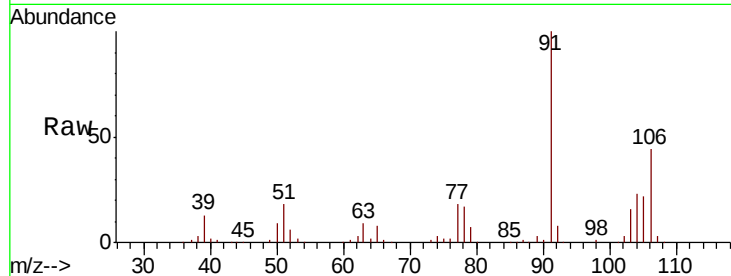




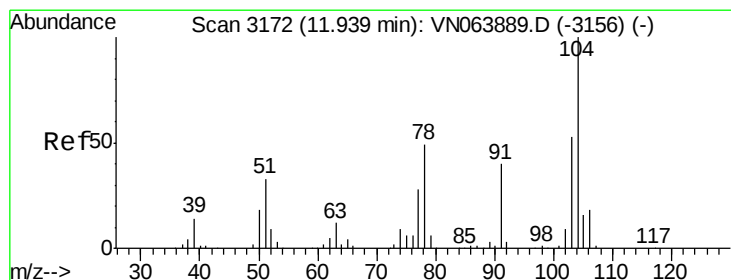
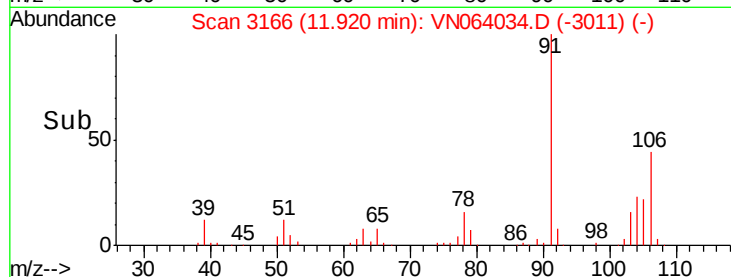
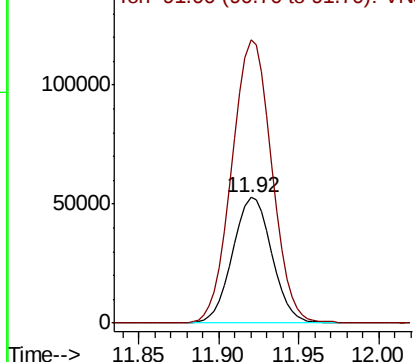
#68
o-Xylene
Concen: 17.282 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

Tot Ion:106 Resp: 88581
Ion Ratio Lower Upper
106 100
91 228.7 108.0 324.0

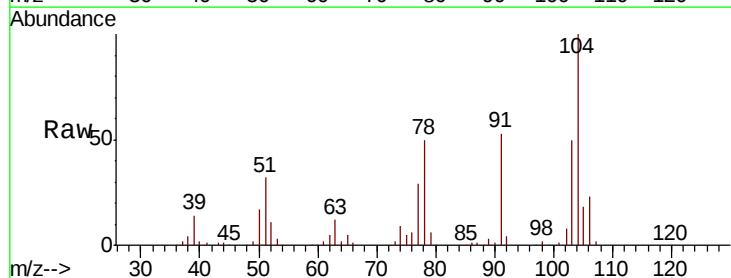


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

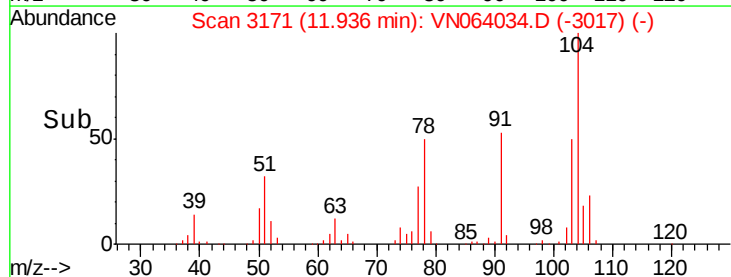
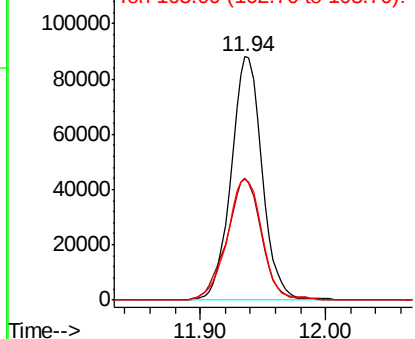


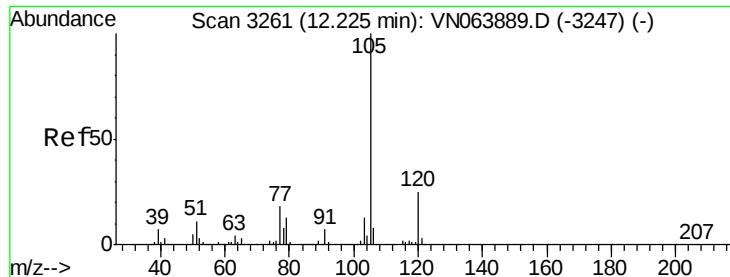
#69
Styrene
Concen: 17.317 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion:104 Resp: 151448
Ion Ratio Lower Upper
104 100
78 55.7 39.6 59.4
103 55.7 44.4 66.6



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





#70

Isopropylbenzene

Concen: 17.703 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

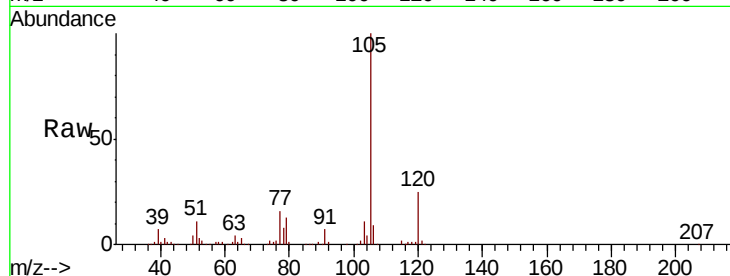
VN1009WBS01

Tot Ion:105 Resp: 241109

Ion Ratio Lower Upper

105 100

120 24.8 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

150000

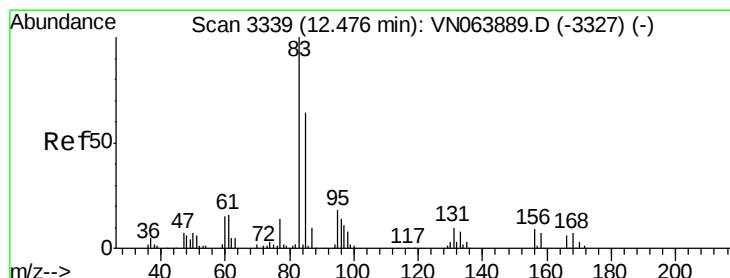
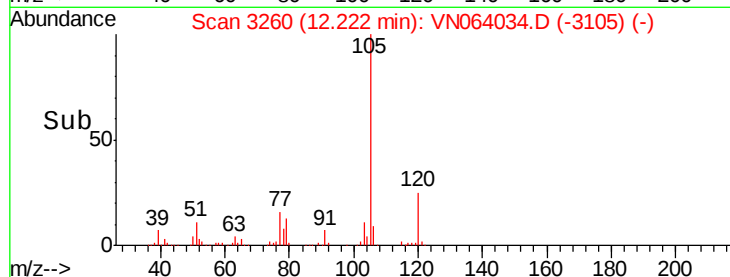
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#71

1,1,2,2-Tetrachloroethane

Concen: 17.025 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

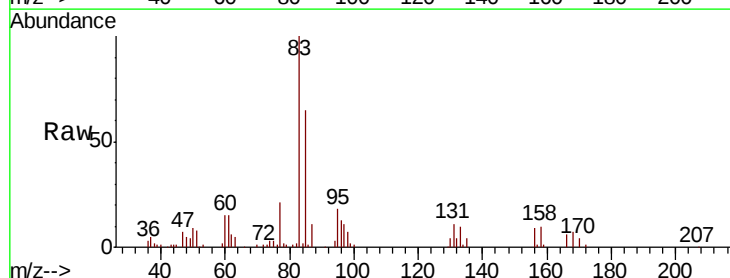
Tgt Ion: 83 Resp: 73294

Ion Ratio Lower Upper

83 100

131 10.9 4.5 13.7

85 64.8 31.8 95.3



Abundance Ion 83.00 (82.70 to 83.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): V

12.48

50000

40000

30000

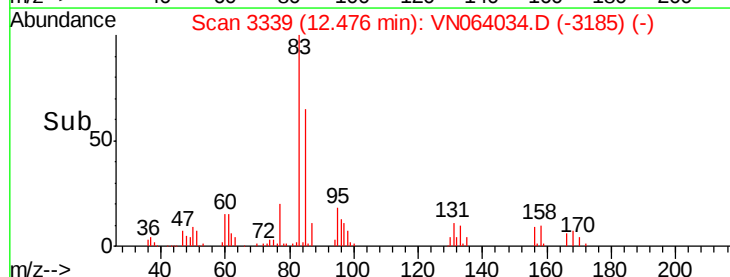
20000

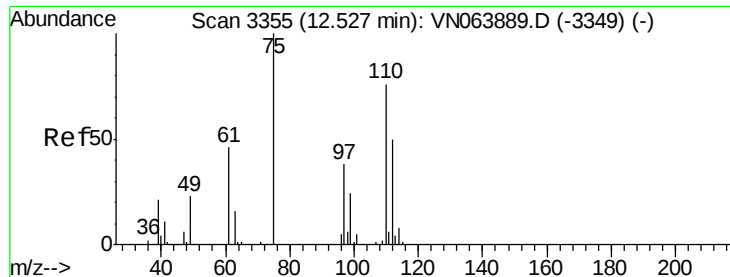
10000

0

Time-->

12.40 12.45 12.50





#72

1,2,3-Trichloropropane

Concen: 23.186 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

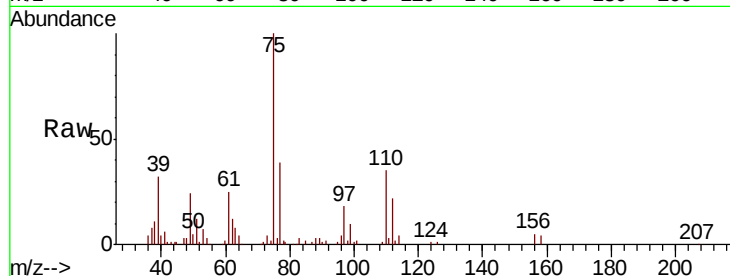
VN1009WBS01

Tot Ion: 75 Resp: 101782

Ion Ratio Lower Upper

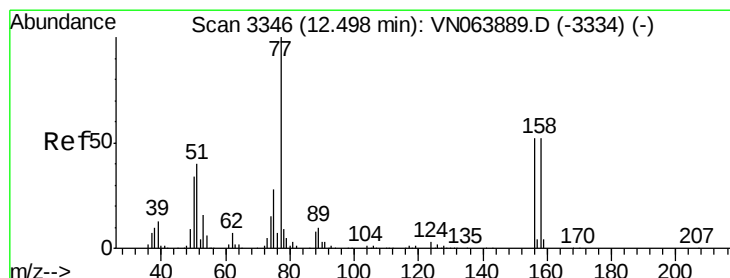
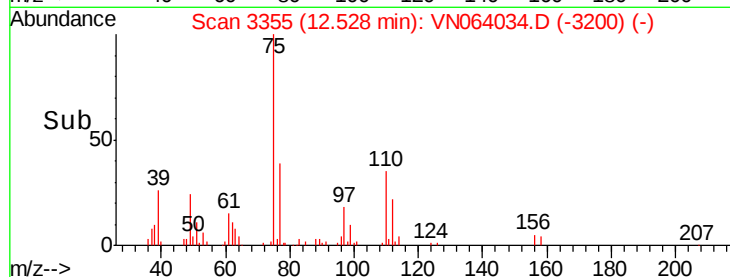
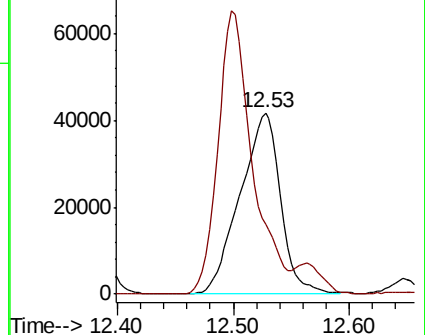
75 100

77 131.5 0.0 387.8



Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063889.D (-3349) (-)



#73

Bromobenzene

Concen: 16.921 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

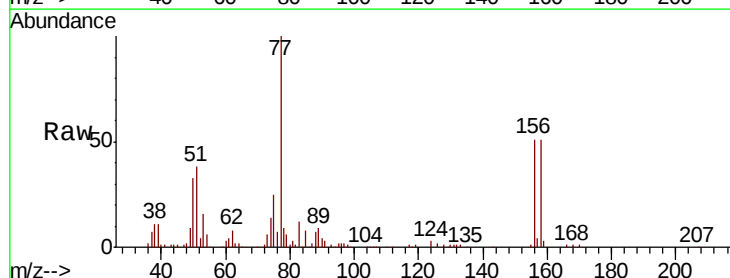
Tgt Ion: 156 Resp: 58410

Ion Ratio Lower Upper

156 100

77 229.1 0.0 398.6

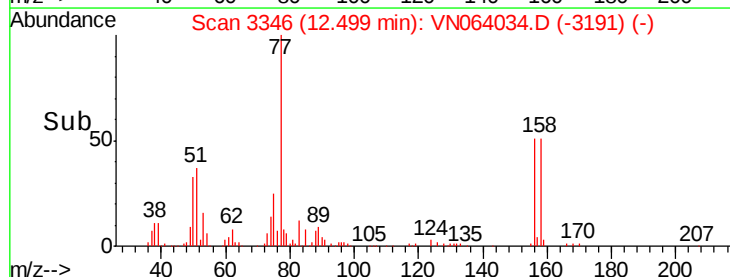
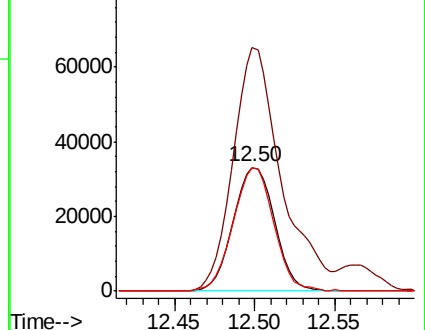
158 97.6 0.0 195.4

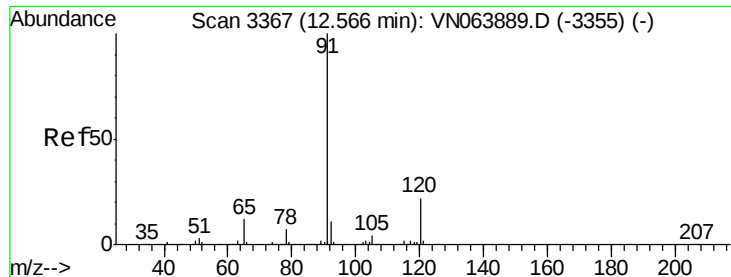


Abundance Ion 156.00 (155.70 to 156.70): VN063889.D (-3334) (-)

Ion 77.00 (76.70 to 77.70): VN063889.D (-3334) (-)

Ion 158.00 (157.70 to 158.70): VN063889.D (-3334) (-)





#74

n-propylbenzene

Concen: 17.699 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

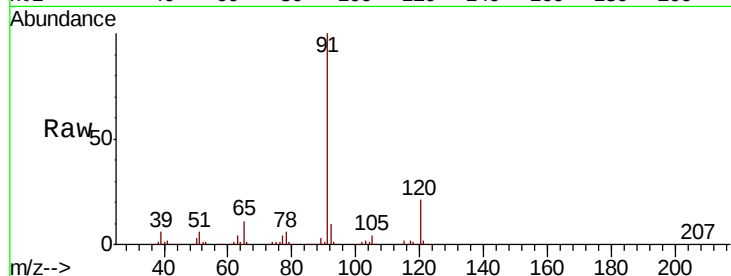
VN1009WBS01

Tot Ion: 91 Resp: 281784

Ion Ratio Lower Upper

91 100

120 20.8 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN063889.D (-3355) (-)

12.57

200000

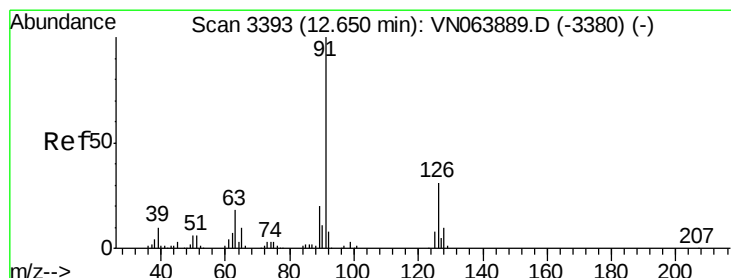
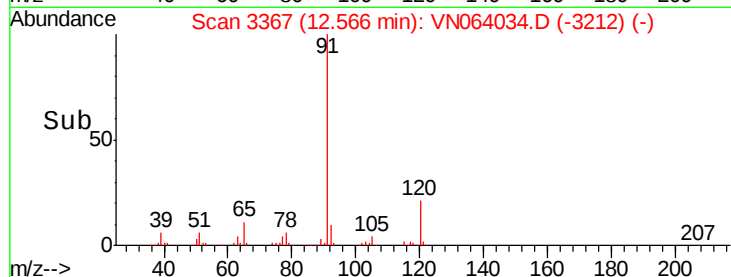
150000

100000

50000

0

Time-->



#75

2-Chlorotoluene

Concen: 18.158 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064034.D

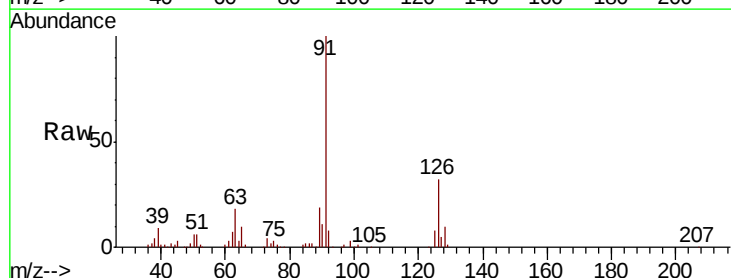
Acq: 9 Oct 2020 13:36

Tgt Ion: 91 Resp: 176343

Ion Ratio Lower Upper

91 100

126 31.7 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) (-)

12.65

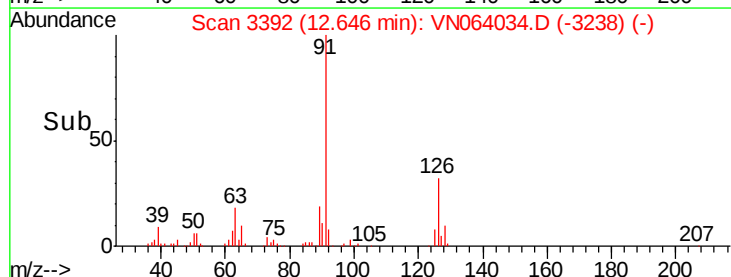
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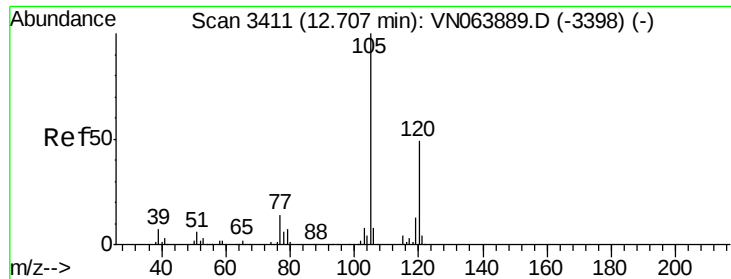
100000

50000

0

Time-->

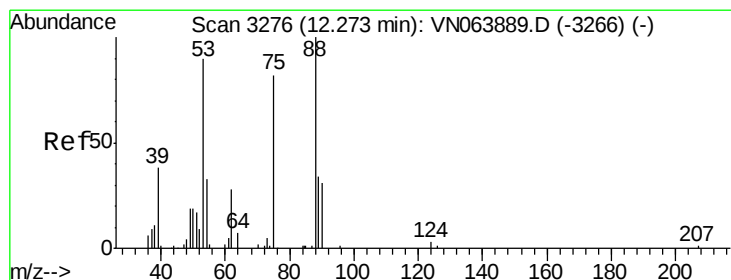
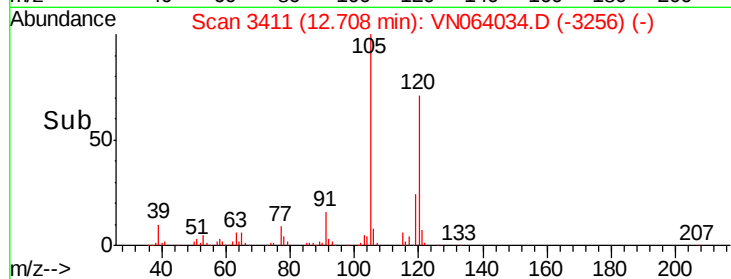
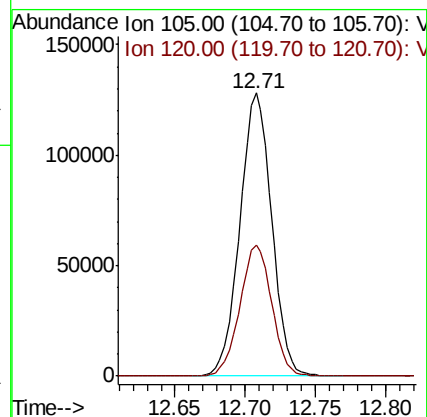
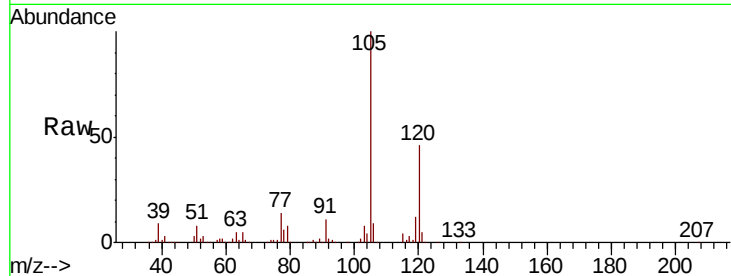




#76
 1,3,5-Trimethylbenzene
 Concen: 17.531 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

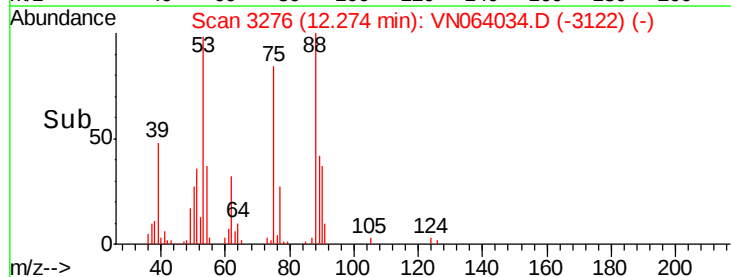
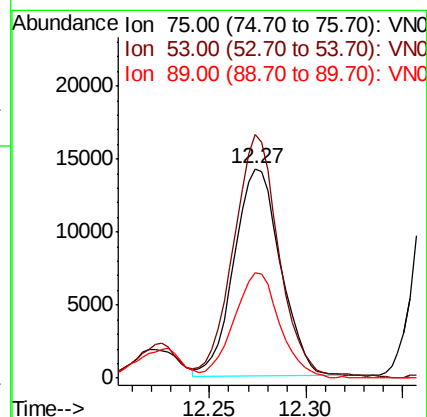
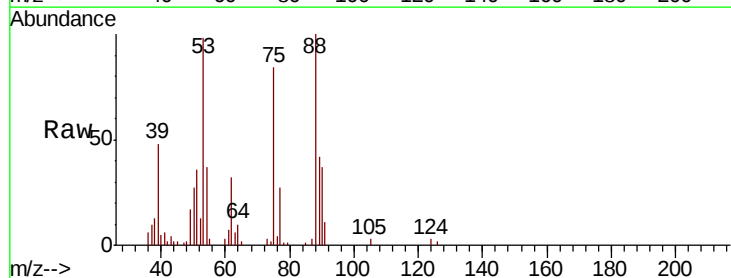
Instrument :
 MSVOA_N
 ClientSampled :
 VN1009WBS01

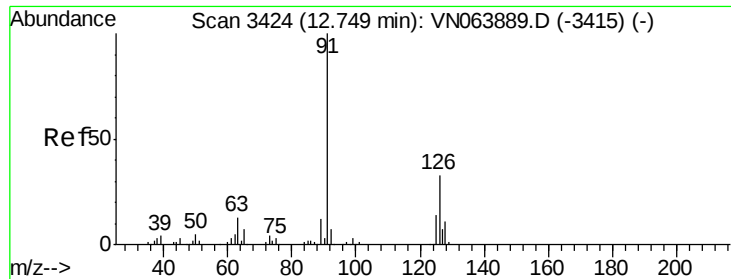
Tot Ion:105 Resp: 201351
 Ion Ratio Lower Upper
 105 100
 120 46.7 0.0 95.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 15.209 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 75 Resp: 23747
 Ion Ratio Lower Upper
 75 100
 53 116.2 47.0 141.0
 89 50.0 22.9 68.7





#78

4-Chlorotoluene

Concen: 17.854 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

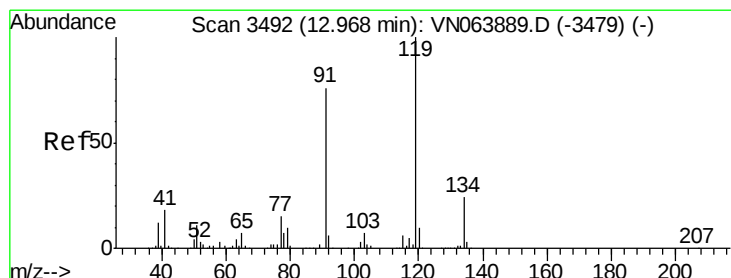
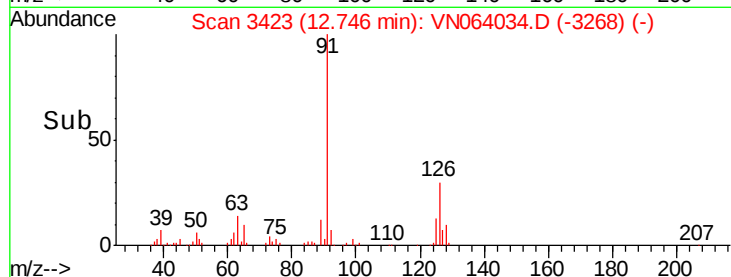
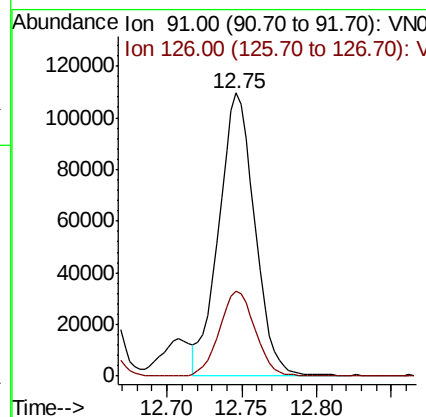
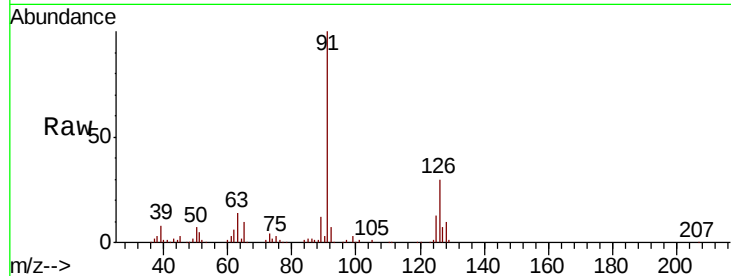
VN1009WBS01

Tot Ion: 91 Resp: 183606

Ion Ratio Lower Upper

91 100

126 29.9 0.0 65.0



#79

tert-butylbenzene

Concen: 17.112 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

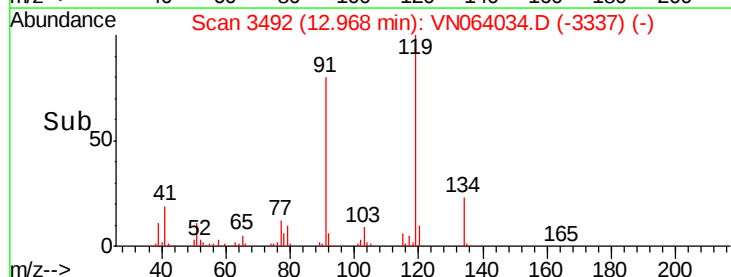
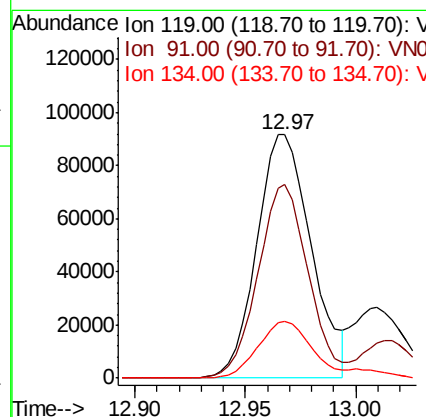
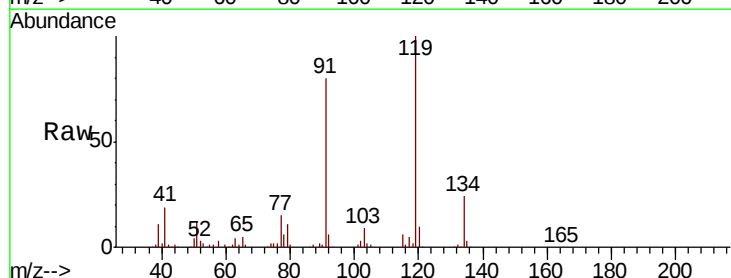
Tgt Ion: 119 Resp: 157448

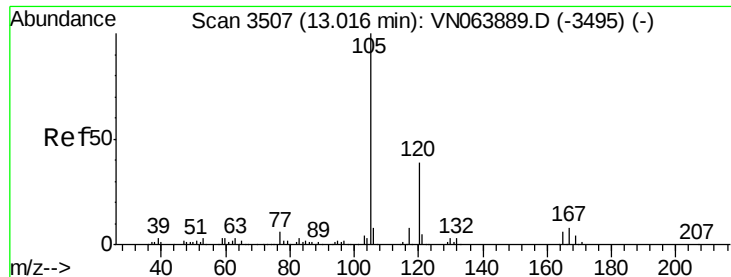
Ion Ratio Lower Upper

119 100

91 72.7 0.0 136.8

134 22.8 0.0 48.8

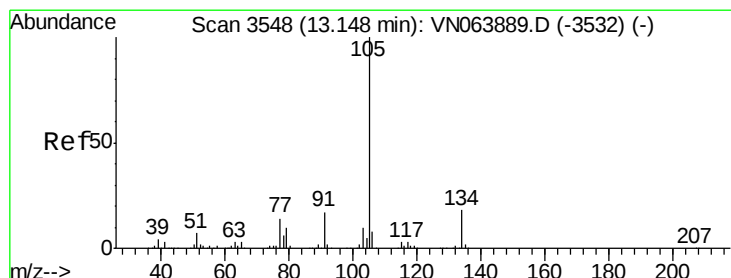
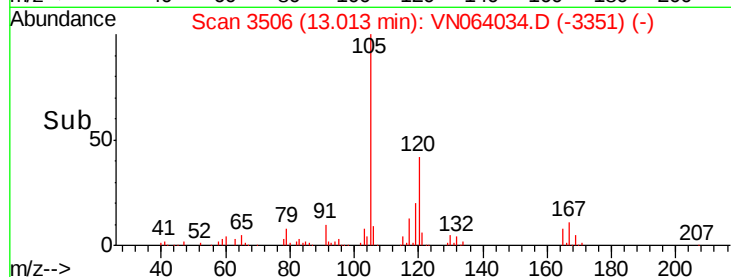
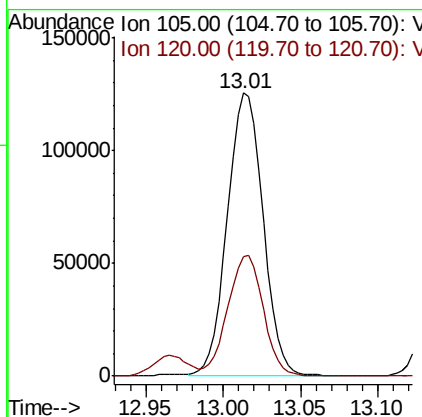
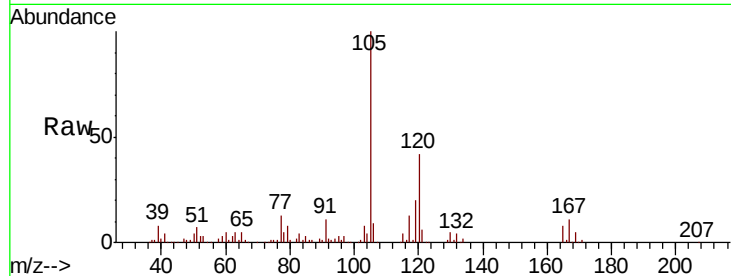




#80
 1,2,4-Trimethylbenzene
 Concen: 17.422 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

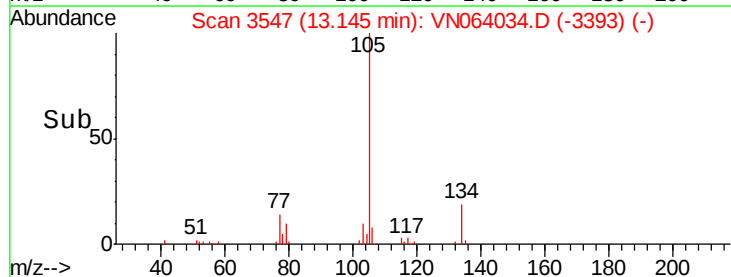
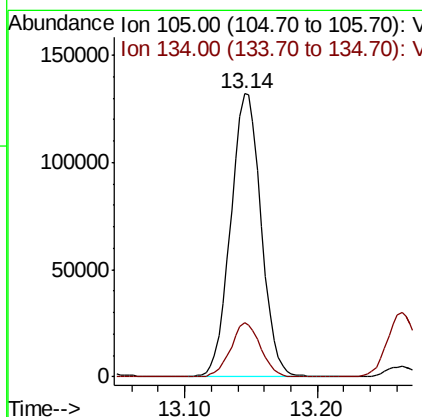
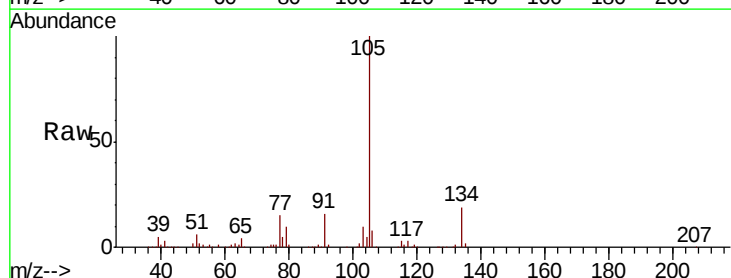
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

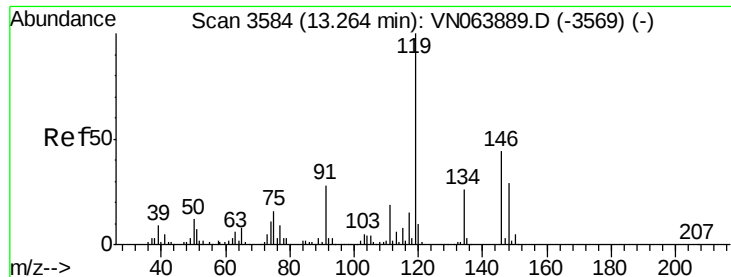
Tot Ion:105 Resp: 200585
 Ion Ratio Lower Upper
 105 100
 120 42.8 0.0 90.4



#81
 sec-Butylbenzene
 Concen: 17.402 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion:105 Resp: 210452
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.4

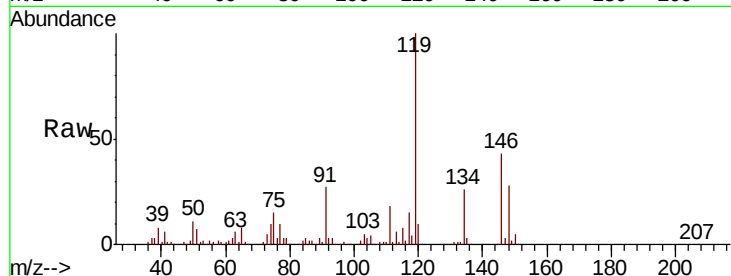




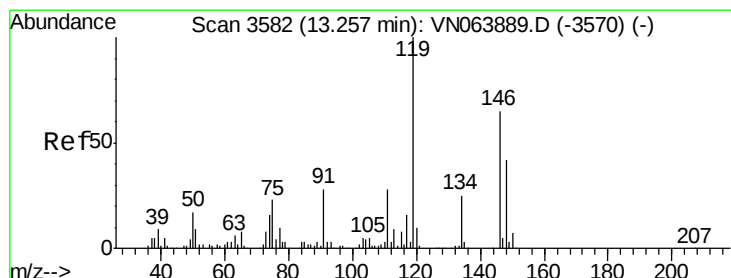
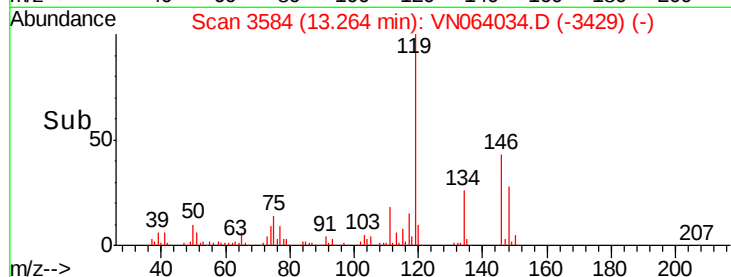
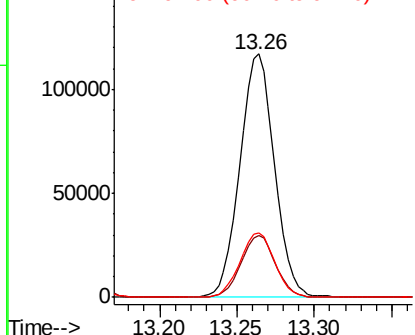
#82
p-Isopropyltoluene
Concen: 16.689 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion:119 Resp: 182428
Ion Ratio Lower Upper
119 100
134 25.3 0.0 52.2
91 26.8 0.0 46.2

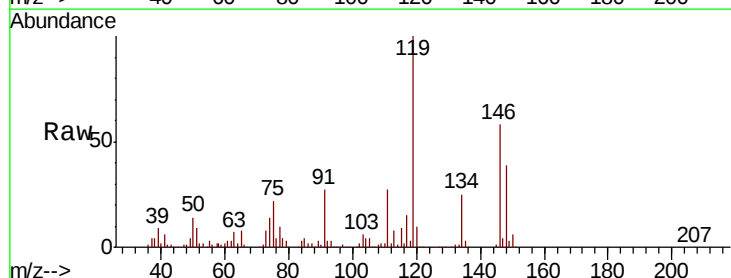


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

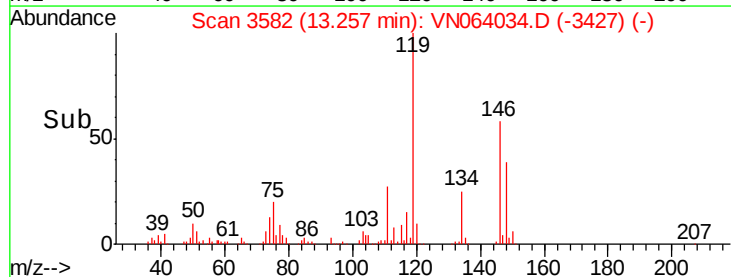
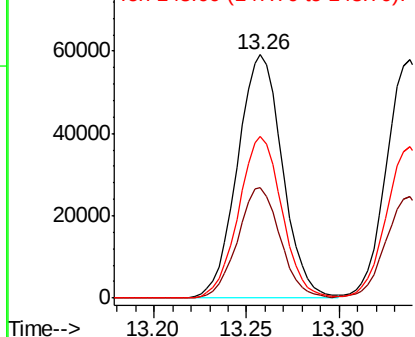


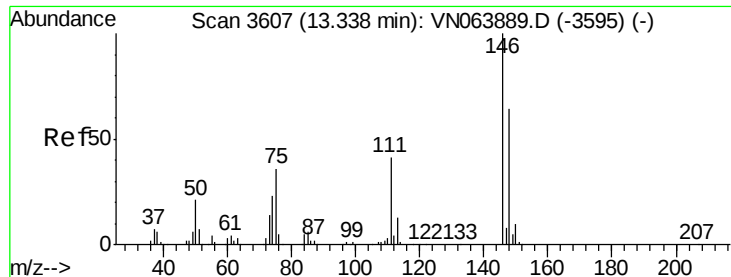
#83
1,3-Dichlorobenzene
Concen: 16.264 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion:146 Resp: 99848
Ion Ratio Lower Upper
146 100
111 43.1 19.4 58.1
148 64.1 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

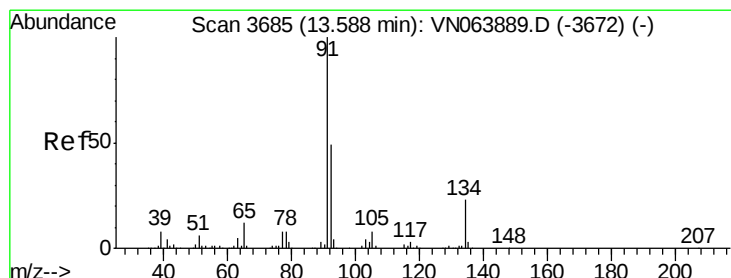
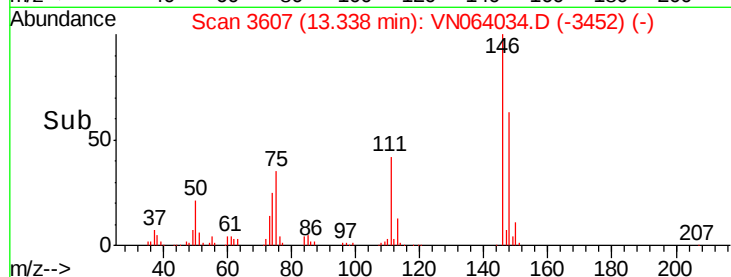
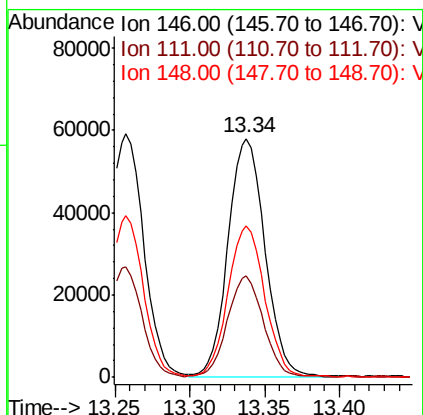
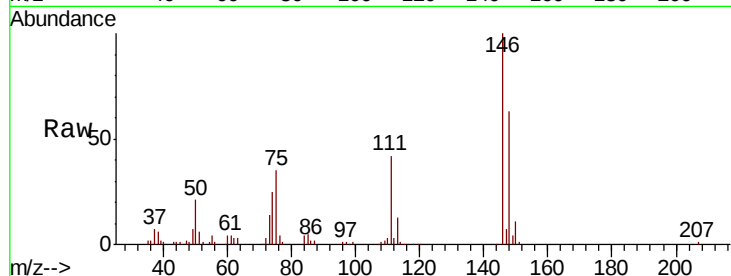




#84
 1,4-Dichlorobenzene
 Concen: 16.488 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

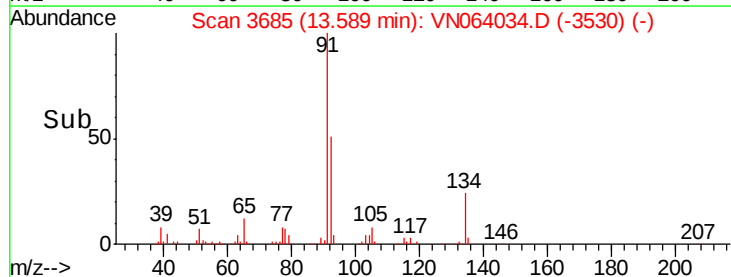
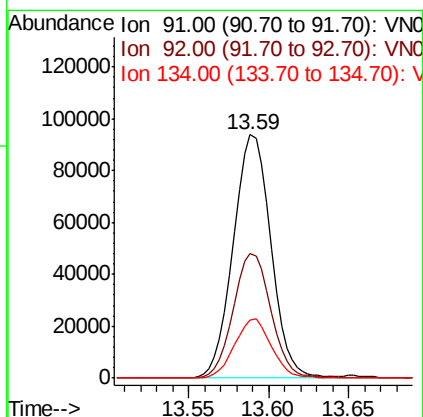
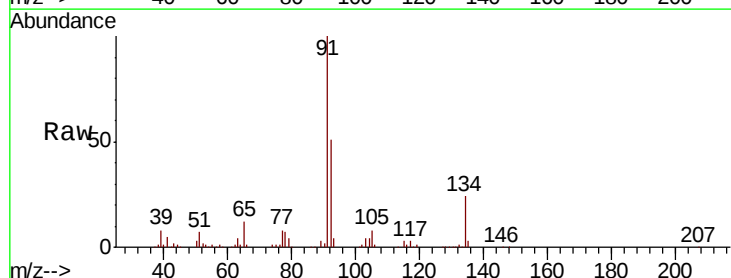
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

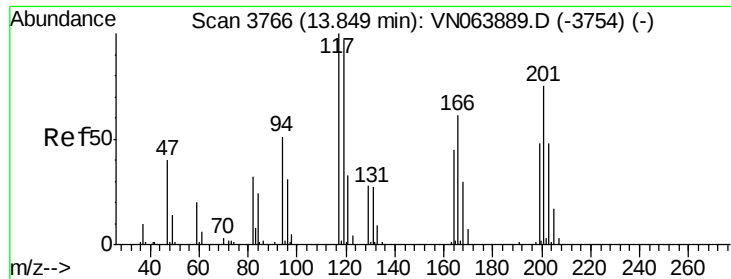
Tot Ion:146 Resp: 100552
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.6 55.8
 148 62.0 31.6 94.8



#85
 n-Butylbenzene
 Concen: 15.734 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Tgt Ion: 91 Resp: 150470
 Ion Ratio Lower Upper
 91 100
 92 51.0 0.0 100.6
 134 23.7 0.0 47.4

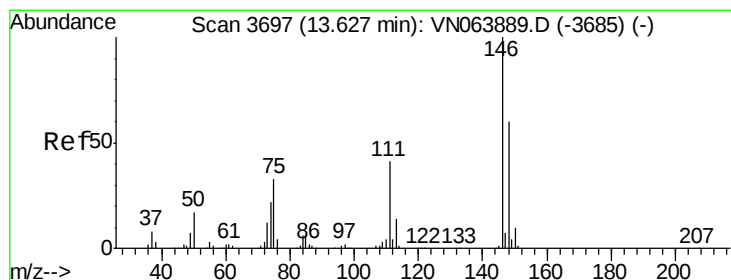
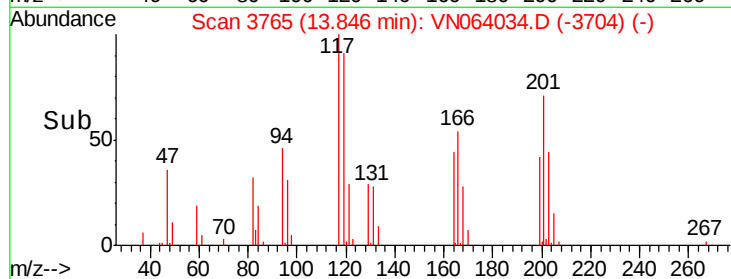
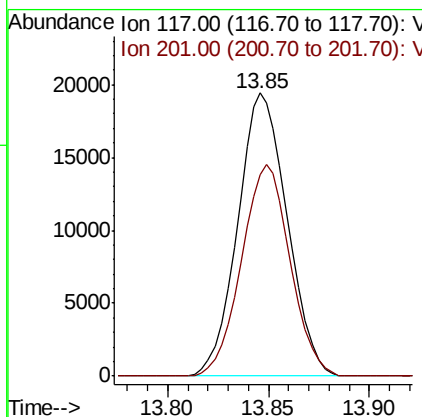
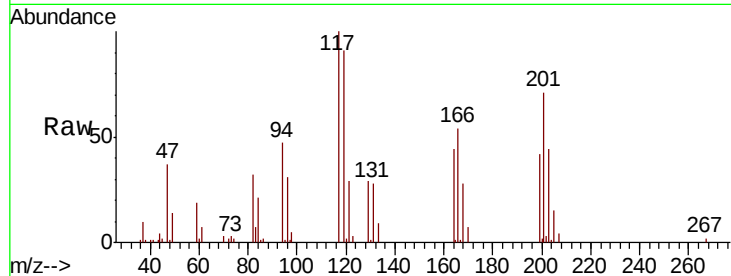




#86
Hexachloroethane
Concen: 17.652 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

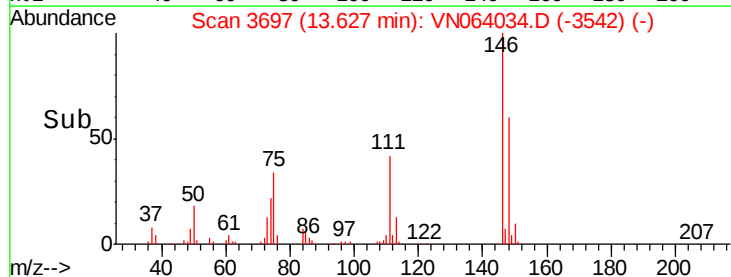
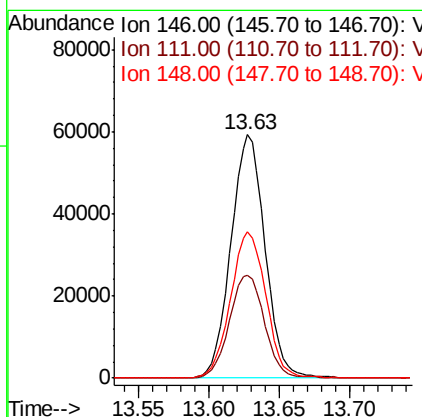
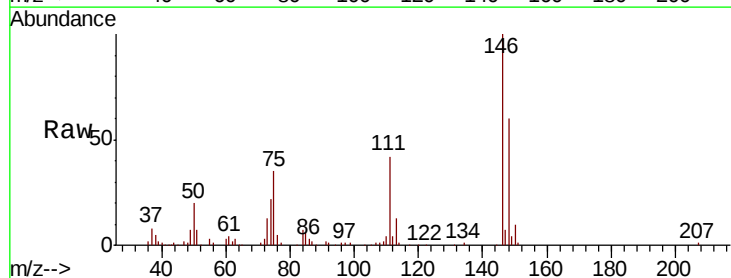
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

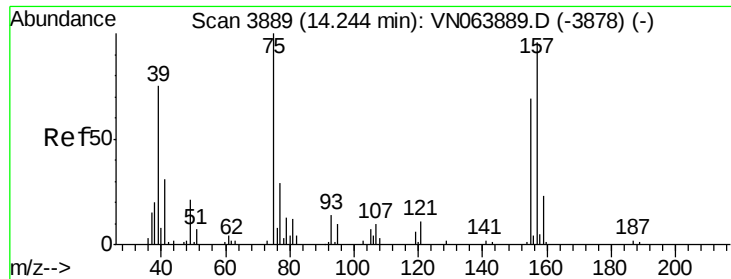
Tot Ion:117 Resp: 33253
Ion Ratio Lower Upper
117 100
201 73.3 46.1 138.3



#87
1,2-Dichlorobenzene
Concen: 16.708 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN064034.D
Acq: 9 Oct 2020 13:36

Tgt Ion:146 Resp: 100654
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 62.1 31.8 95.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 15.264 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

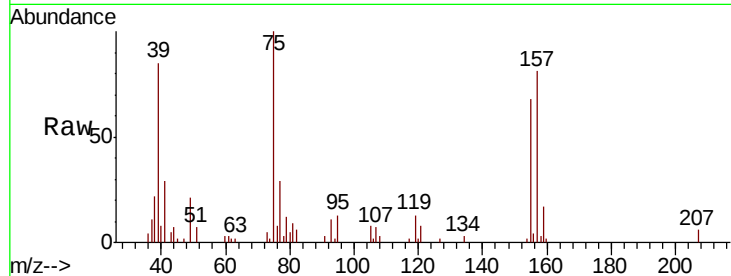
Tot Ion: 75 Resp: 15702

Ion Ratio Lower Upper

75 100

155 66.7 64.8 97.2

157 84.8 81.2 121.8



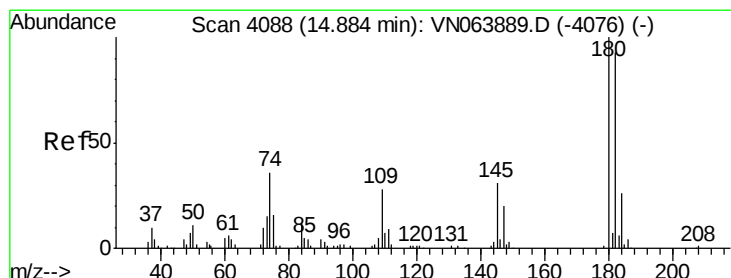
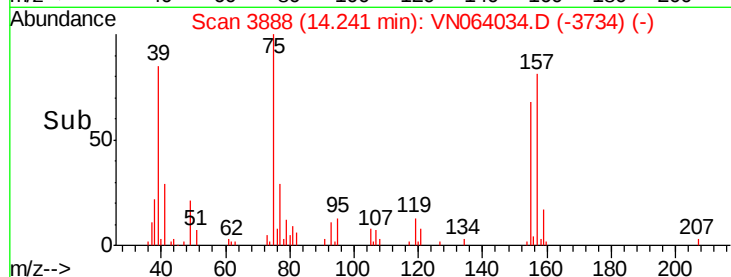
Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3878) (-)

Ion 155.00 (154.70 to 155.70): VN063889.D (-3878) (-)

Ion 157.00 (156.70 to 157.70): VN063889.D (-3878) (-)

14.24

Time-->



#89

1,2,4-Trichlorobenzene

Concen: 13.390 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

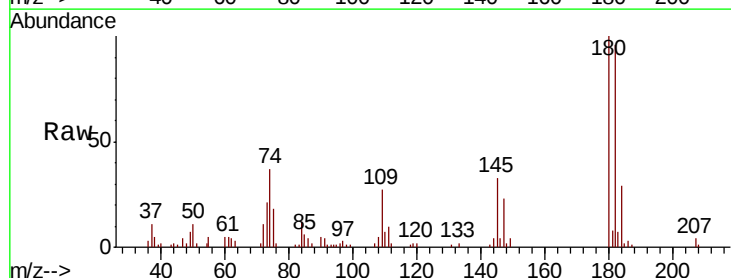
Tgt Ion:180 Resp: 41003

Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 33.2 21.9 32.9#



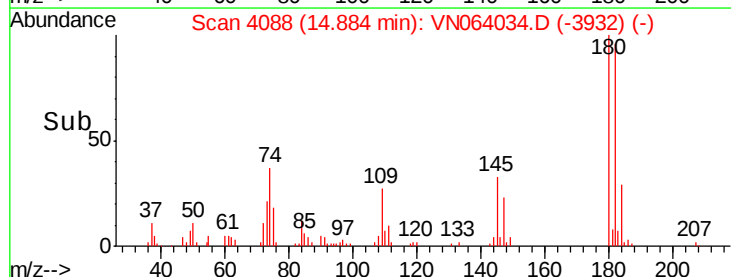
Abundance Ion 180.00 (179.70 to 180.70): VN063889.D (-4076) (-)

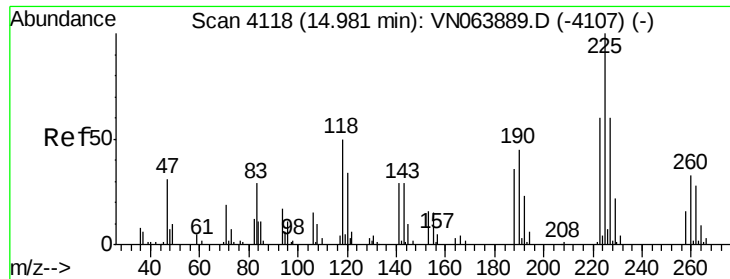
Ion 182.00 (181.70 to 182.70): VN063889.D (-4076) (-)

Ion 145.00 (144.70 to 145.70): VN063889.D (-4076) (-)

14.88

Time-->





#90

Hexachlorobutadiene

Concen: 17.816 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

VN1009WBS01

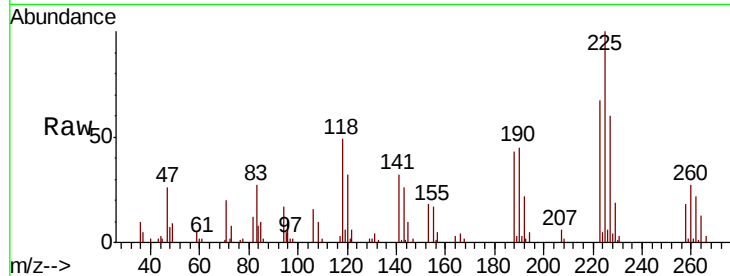
Tot Ion:225 Resp: 28895

Ion Ratio Lower Upper

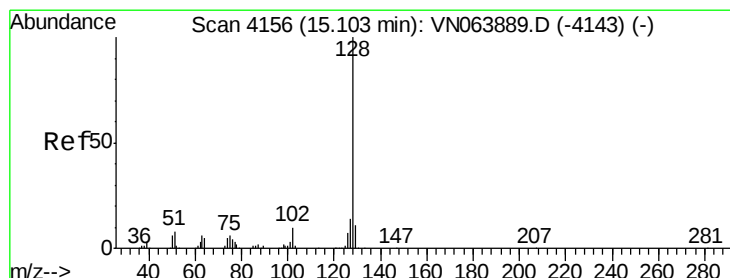
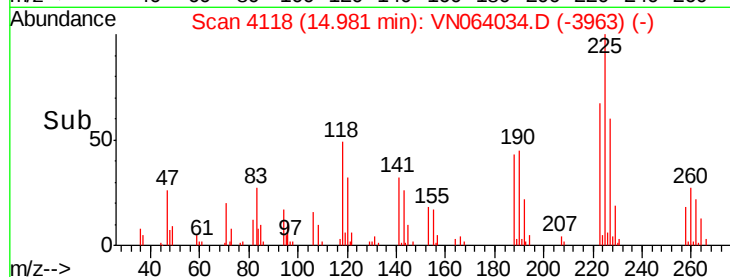
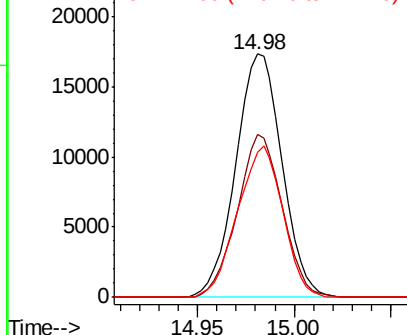
225 100

223 65.0 0.0 122.8

227 60.6 0.0 125.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 12.482 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064034.D

Acq: 9 Oct 2020 13:36

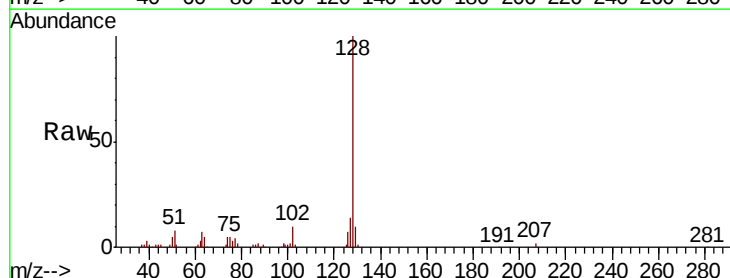
Tgt Ion:128 Resp: 116922

Ion Ratio Lower Upper

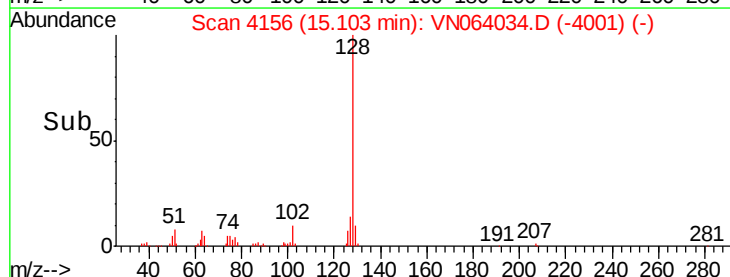
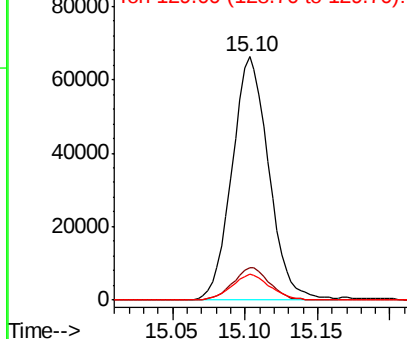
128 100

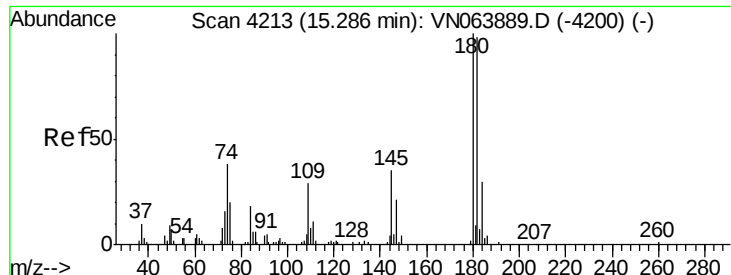
127 13.3 11.1 16.7

129 10.9 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: 13.822 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN064034.D
 Acq: 9 Oct 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	188.0
145	34.3	0.0	62.0

